

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: INHALATION  
 Vehicle: AIR

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**Study Summary**

| Laboratory Name    | Study Number | Study Start Date | Length of Study in Days | Number of Animals Total and (#/Cage) | Number Surviving and (Mean Life Span) | Maximum Mean Weekly Body Weight | Chemical                            |
|--------------------|--------------|------------------|-------------------------|--------------------------------------|---------------------------------------|---------------------------------|-------------------------------------|
| <b>Male</b>        |              |                  |                         |                                      |                                       |                                 |                                     |
| Battelle Northwest | 056031106    | 05/15/06         | 729                     | 50(5)                                | 39(715)                               | 54.3                            | Cobalt                              |
| Battelle Northwest | 052051504    | 05/05/08         | 729                     | 50(5)                                | 39(709)                               | 52.6                            | Metal working fluids (CIMSTAR 3800) |
| Battelle Northwest | 052030306    | 06/20/05         | 729                     | 50(5)                                | 29(680)                               | 53.1                            | Vinylidene chloride                 |
| <b>Female</b>      |              |                  |                         |                                      |                                       |                                 |                                     |
| Battelle Northwest | 056031106    | 05/15/06         | 731                     | 50(5)                                | 36(686)                               | 66.7                            | Cobalt                              |
| Battelle Northwest | 052051504    | 05/05/08         | 731                     | 50(5)                                | 39(696)                               | 59.2                            | Metal working fluids (CIMSTAR 3800) |
| Battelle Northwest | 052030306    | 06/20/05         | 731                     | 50(5)                                | 36(687)                               | 66.0                            | Vinylidene chloride                 |

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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|                                      |       | Male             |             |             | Female      |                 |             |          |
|--------------------------------------|-------|------------------|-------------|-------------|-------------|-----------------|-------------|----------|
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Benign Tumors</b>                 |       |                  |             |             |             |                 |             |          |
|                                      |       | 35/50 (70%)      | 39/50 (78%) | 43/50 (86%) | 29/50 (58%) | 26/50 (52%)     | 32/50 (64%) |          |
| <b>Overall Incidence</b>             | Total | 117/150 (78%)    | Mean 78%    | SD 8%       | Total       | 87/150 (58%)    | Mean 58%    | SD 6%    |
| .....                                |       |                  |             |             |             |                 |             |          |
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Malignant Tumors</b>              |       |                  |             |             |             |                 |             |          |
|                                      |       | 36/50 (72%)      | 26/50 (52%) | 37/50 (74%) | 31/50 (62%) | 30/50 (60%)     | 33/50 (66%) |          |
| <b>Overall Incidence</b>             | Total | 99/150 (66%)     | Mean 66%    | SD 12.17%   | Total       | 94/150 (62.67%) | Mean 62.67% | SD 3.06% |
| .....                                |       |                  |             |             |             |                 |             |          |
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Malignant and Benign Tumors</b>   |       |                  |             |             |             |                 |             |          |
|                                      |       | 45/50 (90%)      | 46/50 (92%) | 49/50 (98%) | 40/50 (80%) | 41/50 (82%)     | 45/50 (90%) |          |
| <b>Overall Incidence</b>             | Total | 140/150 (93.33%) | Mean 93.33% | SD 4.16%    | Total       | 126/150 (84%)   | Mean 84%    | SD 5.29% |
| .....                                |       |                  |             |             |             |                 |             |          |
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Hemangioma</b>                    |       |                  |             |             |             |                 |             |          |
|                                      |       | 0/50 (0%)        | 1/50 (2%)   | 1/50 (2%)   | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>             | Total | 2/150 (1.33%)    | Mean 1.33%  | SD 1.15%    | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....                                |       |                  |             |             |             |                 |             |          |
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Hemangiosarcoma</b>               |       |                  |             |             |             |                 |             |          |
|                                      |       | 7/50 (14%)       | 1/50 (2%)   | 2/50 (4%)   | 3/50 (6%)   | 3/50 (6%)       | 4/50 (8%)   |          |
| <b>Overall Incidence</b>             | Total | 10/150 (6.67%)   | Mean 6.67%  | SD 6.43%    | Total       | 10/150 (6.67%)  | Mean 6.67%  | SD 1.15% |
| .....                                |       |                  |             |             |             |                 |             |          |
| <b>#All Organs:</b>                  |       |                  |             |             |             |                 |             |          |
| <b>Hemangiosarcoma or Hemangioma</b> |       |                  |             |             |             |                 |             |          |
|                                      |       | 7/50 (14%)       | 2/50 (4%)   | 3/50 (6%)   | 3/50 (6%)   | 3/50 (6%)       | 4/50 (8%)   |          |
| <b>Overall Incidence</b>             | Total | 12/150 (8%)      | Mean 8%     | SD 5.29%    | Total       | 10/150 (6.67%)  | Mean 6.67%  | SD 1.15% |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male          |            |           | Female      |                 |             |          |
|--|-------|---------------|------------|-----------|-------------|-----------------|-------------|----------|
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Histiocytic Sarcoma</b>   |       |               |            |           |             |                 |             |          |
|  |       | 1/50 (2%)     | 1/50 (2%)  | 2/50 (4%) | 1/50 (2%)   | 2/50 (4%)       | 2/50 (4%)   |          |
| <b>Overall Incidence</b>   | Total | 4/150 (2.67%) | Mean 2.67% | SD 1.15%  | Total       | 5/150 (3.33%)   | Mean 3.33%  | SD 1.15% |
| .....  |       |               |            |           |             |                 |             |          |
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b> |       |               |            |           |             |                 |             |          |
|  |       | 4/50 (8%)     | 3/50 (6%)  | 2/50 (4%) | 14/50 (28%) | 18/50 (36%)     | 14/50 (28%) |          |
| <b>Overall Incidence</b>   | Total | 9/150 (6%)    | Mean 6%    | SD 2%     | Total       | 46/150 (30.67%) | Mean 30.67% | SD 4.62% |
| .....  |       |               |            |           |             |                 |             |          |
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Mesothelioma: Benign</b>  |       |               |            |           |             |                 |             |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....  |       |               |            |           |             |                 |             |          |
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Mesothelioma: Benign, Malignant, NOS</b>  |       |               |            |           |             |                 |             |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....  |       |               |            |           |             |                 |             |          |
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Mesothelioma: Malignant</b>   |       |               |            |           |             |                 |             |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....  |       |               |            |           |             |                 |             |          |
| <b>#All Organs:</b>  |       |               |            |           |             |                 |             |          |
| <b>Osteoma</b>   |       |               |            |           |             |                 |             |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

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|  |       | Male           |            |           |       | Female        |            |           |  |
|--|-------|----------------|------------|-----------|-------|---------------|------------|-----------|--|
| <b>#All Organs:</b>                                      |       |                |            |           |       |               |            |           |  |
| <b>Osteosarcoma</b>                                      |       |                |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)      | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                                 | Total | 0/150 (0%)     | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....  |       |                |            |           |       |               |            |           |  |
| <b>#All Organs:</b>                                      |       |                |            |           |       |               |            |           |  |
| <b>Osteosarcoma or Osteoma</b>                           |       |                |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)      | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                                 | Total | 0/150 (0%)     | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....  |       |                |            |           |       |               |            |           |  |
| <b>*Adrenal Cortex:</b>                                  |       |                |            |           |       |               |            |           |  |
| <b>Adenoma</b>   |       |                |            |           |       |               |            |           |  |
|  |       | 1/50 (2%)      | 9/49 (18%) | 1/50 (2%) |       | 0/50 (0%)     | 0/49 (0%)  | 1/50 (2%) |  |
| <b>Overall Incidence</b>                                 | Total | 11/149 (7.38%) | Mean 7.46% | SD 9.45%  | Total | 1/149 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....  |       |                |            |           |       |               |            |           |  |
| <b>*Adrenal Medulla:</b>                                 |       |                |            |           |       |               |            |           |  |
| <b>Pheochromocytoma Benign</b>                           |       |                |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)      | 1/48 (2%)  | 1/50 (2%) |       | 1/50 (2%)     | 1/49 (2%)  | 1/50 (2%) |  |
| <b>Overall Incidence</b>                                 | Total | 2/148 (1.35%)  | Mean 1.36% | SD 1.18%  | Total | 3/149 (2.01%) | Mean 2.01% | SD 0.02%  |  |
| .....  |       |                |            |           |       |               |            |           |  |
| <b>*Adrenal Medulla:</b>                                 |       |                |            |           |       |               |            |           |  |
| <b>Pheochromocytoma Malignant</b>                        |       |                |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)      | 0/48 (0%)  | 1/50 (2%) |       | 0/50 (0%)     | 0/49 (0%)  | 1/50 (2%) |  |
| <b>Overall Incidence</b>                                 | Total | 1/148 (0.68%)  | Mean 0.67% | SD 1.15%  | Total | 1/149 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....  |       |                |            |           |       |               |            |           |  |
| <b>*Adrenal Medulla:</b>                                 |       |                |            |           |       |               |            |           |  |
| <b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b> |       |                |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)      | 1/48 (2%)  | 2/50 (4%) |       | 1/50 (2%)     | 1/49 (2%)  | 2/50 (4%) |  |
| <b>Overall Incidence</b>                                 | Total | 3/148 (2.03%)  | Mean 2.03% | SD 2%     | Total | 4/149 (2.68%) | Mean 2.68% | SD 1.14%  |  |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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**Vehicle: AIR**

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|                                  |       | Male  |         |            |          | Female |       |         |            |          |      |
|----------------------------------|-------|-------|---------|------------|----------|--------|-------|---------|------------|----------|------|
| <b>#Blood Vessel:</b>            |       |       |         |            |          |        |       |         |            |          |      |
| <b>Hemangioma</b>                |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                            |       |       |         |            |          |        |       |         |            |          |      |
| <b>*Bone Marrow:</b>             |       |       |         |            |          |        |       |         |            |          |      |
| <b>Hemangioma</b>                |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                            |       |       |         |            |          |        |       |         |            |          |      |
| <b>*Bone Marrow:</b>             |       |       |         |            |          |        |       |         |            |          |      |
| <b>Hemangiosarcoma</b>           |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 1/50  | (2%)    | 0/50       | (0%)     | 1/50   | (2%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 2/150 | (1.33%) | Mean 1.33% | SD 1.15% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                            |       |       |         |            |          |        |       |         |            |          |      |
| <b>*Bone Marrow:</b>             |       |       |         |            |          |        |       |         |            |          |      |
| <b>Mast Cell Tumor Malignant</b> |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 1/50    | (2%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% |      |
| .....                            |       |       |         |            |          |        |       |         |            |          |      |
| <b>*Bone Marrow:</b>             |       |       |         |            |          |        |       |         |            |          |      |
| <b>Sarcoma</b>                   |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 1/50    | (2%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% |      |
| .....                            |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Bone:</b>                    |       |       |         |            |          |        |       |         |            |          |      |
| <b>Fibroma</b>                   |       |       |         |            |          |        |       |         |            |          |      |
|                                  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>         | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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**Vehicle: AIR**

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|                                   |       | Male  |      |         |       | Female |       |         |            |          |      |
|-----------------------------------|-------|-------|------|---------|-------|--------|-------|---------|------------|----------|------|
| <b>#Bone:</b>                     |       |       |      |         |       |        |       |         |            |          |      |
| <b>Hemangiosarcoma</b>            |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                             |       |       |      |         |       |        |       |         |            |          |      |
| <b>#Bone:</b>                     |       |       |      |         |       |        |       |         |            |          |      |
| <b>Osteoma</b>                    |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                             |       |       |      |         |       |        |       |         |            |          |      |
| <b>#Bone:</b>                     |       |       |      |         |       |        |       |         |            |          |      |
| <b>Osteosarcoma</b>               |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                             |       |       |      |         |       |        |       |         |            |          |      |
| <b>#Bone:</b>                     |       |       |      |         |       |        |       |         |            |          |      |
| <b>Osteosarcoma or Osteoma</b>    |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                             |       |       |      |         |       |        |       |         |            |          |      |
| <b>#Bone:</b>                     |       |       |      |         |       |        |       |         |            |          |      |
| <b>Sarcoma</b>                    |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 1/50    | (2%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% |      |
| .....                             |       |       |      |         |       |        |       |         |            |          |      |
| <b>*Brain:</b>                    |       |       |      |         |       |        |       |         |            |          |      |
| <b>Granular Cell Tumor Benign</b> |       |       |      |         |       |        |       |         |            |          |      |
|                                   |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>          | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

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**Vehicle: AIR**

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|  |       | Male  |      |         |       | Female |       |      |         |
|--|-------|-------|------|---------|-------|--------|-------|------|---------|
| <b>*Brain:</b>                                   |       |       |      |         |       |        |       |      |         |
| <b>Meningioma Malignant</b>                      |       |       |      |         |       |        |       |      |         |
|  |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |
| .....  |       |       |      |         |       |        |       |      |         |
| <b>*Brain:</b>                                   |       |       |      |         |       |        |       |      |         |
| <b>Meningioma: Benign, Malignant, NOS</b>        |       |       |      |         |       |        |       |      |         |
|  |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |
| .....  |       |       |      |         |       |        |       |      |         |
| <b>*Brain:</b>                                   |       |       |      |         |       |        |       |      |         |
| <b>Oligodendroglioma Malignant</b>               |       |       |      |         |       |        |       |      |         |
|  |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |
| .....  |       |       |      |         |       |        |       |      |         |
| <b>*Brain:</b>                                   |       |       |      |         |       |        |       |      |         |
| <b>Oligodendroglioma, Glioma, or Astrocytoma</b> |       |       |      |         |       |        |       |      |         |
|  |       | 0/50  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/50 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/150 | (0%) | Mean 0% | SD 0% | Total  | 0/150 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |
| .....  |       |       |      |         |       |        |       |      |         |
| <b>*Clitoral/Preputial Gland:</b>                |       |       |      |         |       |        |       |      |         |
| <b>Hemangioma</b>                                |       |       |      |         |       |        |       |      |         |
|  |       | 0/49  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/43 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/149 | (0%) | Mean 0% | SD 0% | Total  | 0/132 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |
| .....  |       |       |      |         |       |        |       |      |         |
| <b>*Clitoral/Preputial Gland:</b>                |       |       |      |         |       |        |       |      |         |
| <b>Hemangiosarcoma</b>                           |       |       |      |         |       |        |       |      |         |
|  |       | 0/49  | (0%) | 0/50    | (0%)  | 0/50   | (0%)  | 0/43 | (0%)    |
| <b>Overall Incidence</b>                         | Total | 0/149 | (0%) | Mean 0% | SD 0% | Total  | 0/132 | (0%) | Mean 0% |
|  |       |       |      |         |       |        |       |      | SD 0%   |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: INHALATION  
 Vehicle: AIR

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|                             |       | Male            |             |            | Female    |            |           |          |
|-----------------------------|-------|-----------------|-------------|------------|-----------|------------|-----------|----------|
| <b>#Coagulating Gland:</b>  |       |                 |             |            |           |            |           |          |
| <b>Granular Cell Tumor</b>  |       |                 |             |            |           |            |           |          |
|                             |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |          |
| <b>Overall Incidence</b>    | Total | 0/150 (0%)      | Mean 0%     | SD 0%      | Total     | 0/150 (0%) | Mean 0%   | SD 0%    |
| .....                       |       |                 |             |            |           |            |           |          |
| <b>#Coagulating Gland:</b>  |       |                 |             |            |           |            |           |          |
| <b>Sarcoma</b>              |       |                 |             |            |           |            |           |          |
|                             |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |          |
| <b>Overall Incidence</b>    | Total | 0/150 (0%)      | Mean 0%     | SD 0%      | Total     | 0/150 (0%) | Mean 0%   | SD 0%    |
| .....                       |       |                 |             |            |           |            |           |          |
| <b>#Eye:</b>                |       |                 |             |            |           |            |           |          |
| <b>Melanoma Malignant</b>   |       |                 |             |            |           |            |           |          |
|                             |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |          |
| <b>Overall Incidence</b>    | Total | 0/150 (0%)      | Mean 0%     | SD 0%      | Total     | 0/150 (0%) | Mean 0%   | SD 0%    |
| .....                       |       |                 |             |            |           |            |           |          |
| <b>#Harderian Gland:</b>    |       |                 |             |            |           |            |           |          |
| <b>Adenoma</b>              |       |                 |             |            |           |            |           |          |
|                             |       | 6/50 (12%)      | 7/50 (14%)  | 7/50 (14%) | 3/50 (6%) | 2/50 (4%)  | 1/50 (2%) |          |
| <b>Overall Incidence</b>    | Total | 20/150 (13.33%) | Mean 13.33% | SD 1.15%   | Total     | 6/150 (4%) | Mean 4%   | SD 2%    |
| .....                       |       |                 |             |            |           |            |           |          |
| <b>#Harderian Gland:</b>    |       |                 |             |            |           |            |           |          |
| <b>Carcinoma</b>            |       |                 |             |            |           |            |           |          |
|                             |       | 2/50 (4%)       | 5/50 (10%)  | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)  | 3/50 (6%) |          |
| <b>Overall Incidence</b>    | Total | 7/150 (4.67%)   | Mean 4.67%  | SD 5.03%   | Total     | 3/150 (2%) | Mean 2%   | SD 3.46% |
| .....                       |       |                 |             |            |           |            |           |          |
| <b>#Harderian Gland:</b>    |       |                 |             |            |           |            |           |          |
| <b>Carcinoma or Adenoma</b> |       |                 |             |            |           |            |           |          |
|                             |       | 8/50 (16%)      | 12/50 (24%) | 7/50 (14%) | 3/50 (6%) | 2/50 (4%)  | 4/50 (8%) |          |
| <b>Overall Incidence</b>    | Total | 27/150 (18%)    | Mean 18%    | SD 5.29%   | Total     | 9/150 (6%) | Mean 6%   | SD 2%    |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: INHALATION  
 Vehicle: AIR

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|                                    |       | Male          |            |           | Female    |               |            |          |
|------------------------------------|-------|---------------|------------|-----------|-----------|---------------|------------|----------|
| <b>*Heart:</b>                     |       |               |            |           |           |               |            |          |
| <b>Hemangiosarcoma</b>             |       |               |            |           |           |               |            |          |
|                                    |       | 1/50 (2%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>           | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                              |       |               |            |           |           |               |            |          |
| <b>#Intestine Large: Cecum:</b>    |       |               |            |           |           |               |            |          |
| <b>Adenoma</b>                     |       |               |            |           |           |               |            |          |
|                                    |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>           | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                              |       |               |            |           |           |               |            |          |
| <b>#Intestine Large: Cecum:</b>    |       |               |            |           |           |               |            |          |
| <b>Carcinoma</b>                   |       |               |            |           |           |               |            |          |
|                                    |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 0/50 (0%) | 0/50 (0%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>           | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |
| .....                              |       |               |            |           |           |               |            |          |
| <b>#Intestine Large: Cecum:</b>    |       |               |            |           |           |               |            |          |
| <b>Carcinoma or Adenoma</b>        |       |               |            |           |           |               |            |          |
|                                    |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 0/50 (0%) | 0/50 (0%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>           | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |
| .....                              |       |               |            |           |           |               |            |          |
| <b>#Intestine Large: Cecum:</b>    |       |               |            |           |           |               |            |          |
| <b>Leiomyosarcoma</b>              |       |               |            |           |           |               |            |          |
|                                    |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>           | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                              |       |               |            |           |           |               |            |          |
| <b>#Intestine Small: Duodenum:</b> |       |               |            |           |           |               |            |          |
| <b>Adenoma</b>                     |       |               |            |           |           |               |            |          |
|                                    |       | 1/50 (2%)     | 1/50 (2%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>           | Total | 2/150 (1.33%) | Mean 1.33% | SD 1.15%  | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                                    |       | Male          |            |           |       | Female        |            |           |           |
|------------------------------------|-------|---------------|------------|-----------|-------|---------------|------------|-----------|-----------|
| <b>#Intestine Small: Duodenum:</b> |       |               |            |           |       |               |            |           |           |
| <b>Carcinoma</b>                   |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |
|                                    |       | 0/150 (0%)    | Mean 0%    | SD 0%     |       | 0/150 (0%)    | Mean 0%    | SD 0%     |           |
| .....                              |       |               |            |           |       |               |            |           |           |
| <b>#Intestine Small: Ileum:</b>    |       |               |            |           |       |               |            |           |           |
| <b>Adenoma</b>                     |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 1/50 (2%)     | 0/50 (0%)  | 1/50 (2%) | Total | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 1/50 (2%) |
|                                    |       | 2/150 (1.33%) | Mean 1.33% | SD 1.15%  |       | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |           |
| .....                              |       |               |            |           |       |               |            |           |           |
| <b>#Intestine Small: Ileum:</b>    |       |               |            |           |       |               |            |           |           |
| <b>Carcinoma</b>                   |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | Total | 1/50 (2%)     | 0/50 (0%)  | 1/50 (2%) | 1/50 (2%) |
|                                    |       | 0/150 (0%)    | Mean 0%    | SD 0%     |       | 2/150 (1.33%) | Mean 1.33% | SD 1.15%  |           |
| .....                              |       |               |            |           |       |               |            |           |           |
| <b>#Intestine Small: Jejunum:</b>  |       |               |            |           |       |               |            |           |           |
| <b>Adenoma</b>                     |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |
|                                    |       | 0/150 (0%)    | Mean 0%    | SD 0%     |       | 0/150 (0%)    | Mean 0%    | SD 0%     |           |
| .....                              |       |               |            |           |       |               |            |           |           |
| <b>#Intestine Small: Jejunum:</b>  |       |               |            |           |       |               |            |           |           |
| <b>Carcinoma</b>                   |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |
|                                    |       | 0/150 (0%)    | Mean 0%    | SD 0%     |       | 0/150 (0%)    | Mean 0%    | SD 0%     |           |
| .....                              |       |               |            |           |       |               |            |           |           |
| <b>#Intestine Small: Jejunum:</b>  |       |               |            |           |       |               |            |           |           |
| <b>Leiomyosarcoma</b>              |       |               |            |           |       |               |            |           |           |
| <b>Overall Incidence</b>           | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | Total | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |
|                                    |       | 0/150 (0%)    | Mean 0%    | SD 0%     |       | 0/150 (0%)    | Mean 0%    | SD 0%     |           |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male          |            |           | Female    |               |            |          |
|--|-------|---------------|------------|-----------|-----------|---------------|------------|----------|
| <b>#Intestine Small: Site Unspecified:</b> |       |               |            |           |           |               |            |          |
| <b>Adenoma</b>                             |       |               |            |           |           |               |            |          |
|  |       | 2/50 (4%)     | 1/50 (2%)  | 1/50 (2%) | 0/50 (0%) | 1/50 (2%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>                   | Total | 4/150 (2.67%) | Mean 2.67% | SD 1.15%  | Total     | 2/150 (1.33%) | Mean 1.33% | SD 1.15% |
| .....                                      |       |               |            |           |           |               |            |          |
| <b>#Intestine Small: Site Unspecified:</b> |       |               |            |           |           |               |            |          |
| <b>Carcinoma</b>                           |       |               |            |           |           |               |            |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%) | 0/50 (0%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>                   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 2/150 (1.33%) | Mean 1.33% | SD 1.15% |
| .....                                      |       |               |            |           |           |               |            |          |
| <b>#Intestine Small: Site Unspecified:</b> |       |               |            |           |           |               |            |          |
| <b>Carcinoma or Adenoma</b>                |       |               |            |           |           |               |            |          |
|  |       | 2/50 (4%)     | 1/50 (2%)  | 1/50 (2%) | 1/50 (2%) | 1/50 (2%)     | 2/50 (4%)  |          |
| <b>Overall Incidence</b>                   | Total | 4/150 (2.67%) | Mean 2.67% | SD 1.15%  | Total     | 4/150 (2.67%) | Mean 2.67% | SD 1.15% |
| .....                                      |       |               |            |           |           |               |            |          |
| <b>#Intestine Small: Site Unspecified:</b> |       |               |            |           |           |               |            |          |
| <b>Leiomyosarcoma</b>                      |       |               |            |           |           |               |            |          |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                   | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                                      |       |               |            |           |           |               |            |          |
| <b>*Islets, Pancreatic:</b>                |       |               |            |           |           |               |            |          |
| <b>Adenoma</b>                             |       |               |            |           |           |               |            |          |
|  |       | 0/49 (0%)     | 2/50 (4%)  | 2/50 (4%) | 0/50 (0%) | 1/50 (2%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>                   | Total | 4/149 (2.68%) | Mean 2.67% | SD 2.31%  | Total     | 2/150 (1.33%) | Mean 1.33% | SD 1.15% |
| .....                                      |       |               |            |           |           |               |            |          |
| <b>*Islets, Pancreatic:</b>                |       |               |            |           |           |               |            |          |
| <b>Carcinoma</b>                           |       |               |            |           |           |               |            |          |
|  |       | 0/49 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                   | Total | 0/149 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male          |            |           | Female    |               |            |          |
|---|-------|---------------|------------|-----------|-----------|---------------|------------|----------|
| <b>*Islets, Pancreatic:</b>                         |       |               |            |           |           |               |            |          |
| <b>  Carcinoma or Adenoma</b>                       |       |               |            |           |           |               |            |          |
|   |       | 0/49 (0%)     | 2/50 (4%)  | 2/50 (4%) | 0/50 (0%) | 1/50 (2%)     | 1/50 (2%)  |          |
| <b>Overall Incidence</b>                            | Total | 4/149 (2.68%) | Mean 2.67% | SD 2.31%  | Total     | 2/150 (1.33%) | Mean 1.33% | SD 1.15% |
| .....   |       |               |            |           |           |               |            |          |
| <b>*Kidney: Pelvis and Transitional Epithelium:</b> |       |               |            |           |           |               |            |          |
| <b>  Carcinoma</b>                                  |       |               |            |           |           |               |            |          |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                            | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |
| .....   |       |               |            |           |           |               |            |          |
| <b>*Kidney: Pelvis and Transitional Epithelium:</b> |       |               |            |           |           |               |            |          |
| <b>  Carcinoma or Adenoma</b>                       |       |               |            |           |           |               |            |          |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                            | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |
| .....   |       |               |            |           |           |               |            |          |
| <b>*Kidney: Renal Tubule:</b>                       |       |               |            |           |           |               |            |          |
| <b>  Adenoma</b>                                    |       |               |            |           |           |               |            |          |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                            | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....   |       |               |            |           |           |               |            |          |
| <b>*Kidney: Renal Tubule:</b>                       |       |               |            |           |           |               |            |          |
| <b>  Carcinoma</b>                                  |       |               |            |           |           |               |            |          |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                            | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....   |       |               |            |           |           |               |            |          |
| <b>*Kidney: Renal Tubule:</b>                       |       |               |            |           |           |               |            |          |
| <b>  Carcinoma or Adenoma</b>                       |       |               |            |           |           |               |            |          |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>                            | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                               |       | Male            |             |             |       | Female          |             |             |  |
|-------------------------------|-------|-----------------|-------------|-------------|-------|-----------------|-------------|-------------|--|
| <b>*Kidney: Renal Tubule:</b> |       |                 |             |             |       |                 |             |             |  |
| <b>Hemangioma</b>             |       |                 |             |             |       |                 |             |             |  |
|                               |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   |  |
| <b>Overall Incidence</b>      | Total | 0/150 (0%)      | Mean 0%     | SD 0%       | Total | 0/150 (0%)      | Mean 0%     | SD 0%       |  |
| .....                         |       |                 |             |             |       |                 |             |             |  |
| <b>*Kidney: Renal Tubule:</b> |       |                 |             |             |       |                 |             |             |  |
| <b>Hemangiosarcoma</b>        |       |                 |             |             |       |                 |             |             |  |
|                               |       | 0/50 (0%)       | 0/50 (0%)   | 1/50 (2%)   |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   |  |
| <b>Overall Incidence</b>      | Total | 1/150 (0.67%)   | Mean 0.67%  | SD 1.15%    | Total | 0/150 (0%)      | Mean 0%     | SD 0%       |  |
| .....                         |       |                 |             |             |       |                 |             |             |  |
| <b>*Liver:</b>                |       |                 |             |             |       |                 |             |             |  |
| <b>Hemangioma</b>             |       |                 |             |             |       |                 |             |             |  |
|                               |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   |  |
| <b>Overall Incidence</b>      | Total | 0/150 (0%)      | Mean 0%     | SD 0%       | Total | 0/150 (0%)      | Mean 0%     | SD 0%       |  |
| .....                         |       |                 |             |             |       |                 |             |             |  |
| <b>*Liver:</b>                |       |                 |             |             |       |                 |             |             |  |
| <b>Hemangiosarcoma</b>        |       |                 |             |             |       |                 |             |             |  |
|                               |       | 4/50 (8%)       | 0/50 (0%)   | 2/50 (4%)   |       | 2/50 (4%)       | 0/50 (0%)   | 1/50 (2%)   |  |
| <b>Overall Incidence</b>      | Total | 6/150 (4%)      | Mean 4%     | SD 4%       | Total | 3/150 (2%)      | Mean 2%     | SD 2%       |  |
| .....                         |       |                 |             |             |       |                 |             |             |  |
| <b>*Liver:</b>                |       |                 |             |             |       |                 |             |             |  |
| <b>Hepatoblastoma</b>         |       |                 |             |             |       |                 |             |             |  |
|                               |       | 2/50 (4%)       | 0/50 (0%)   | 1/50 (2%)   |       | 0/50 (0%)       | 1/50 (2%)   | 0/50 (0%)   |  |
| <b>Overall Incidence</b>      | Total | 3/150 (2%)      | Mean 2%     | SD 2%       | Total | 1/150 (0.67%)   | Mean 0.67%  | SD 1.15%    |  |
| .....                         |       |                 |             |             |       |                 |             |             |  |
| <b>*Liver:</b>                |       |                 |             |             |       |                 |             |             |  |
| <b>Hepatocellular Adenoma</b> |       |                 |             |             |       |                 |             |             |  |
|                               |       | 28/50 (56%)     | 24/50 (48%) | 37/50 (74%) |       | 19/50 (38%)     | 14/50 (28%) | 25/50 (50%) |  |
| <b>Overall Incidence</b>      | Total | 89/150 (59.33%) | Mean 59.33% | SD 13.32%   | Total | 58/150 (38.67%) | Mean 38.67% | SD 11.02%   |  |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male             |             |             | Female      |                 |             |          |
|--|-------|------------------|-------------|-------------|-------------|-----------------|-------------|----------|
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Hepatocellular Carcinoma</b>  |       |                  |             |             |             |                 |             |          |
|  |       | 25/50 (50%)      | 11/50 (22%) | 26/50 (52%) | 10/50 (20%) | 10/50 (20%)     | 8/50 (16%)  |          |
| <b>Overall Incidence</b>   | Total | 62/150 (41.33%)  | Mean 41.33% | SD 16.77%   | Total       | 28/150 (18.67%) | Mean 18.67% | SD 2.31% |
| .....  |       |                  |             |             |             |                 |             |          |
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Hepatocellular Carcinoma or Hepatoblastoma</b>                          |       |                  |             |             |             |                 |             |          |
|  |       | 27/50 (54%)      | 11/50 (22%) | 27/50 (54%) | 10/50 (20%) | 10/50 (20%)     | 8/50 (16%)  |          |
| <b>Overall Incidence</b>   | Total | 65/150 (43.33%)  | Mean 43.33% | SD 18.48%   | Total       | 28/150 (18.67%) | Mean 18.67% | SD 2.31% |
| .....  |       |                  |             |             |             |                 |             |          |
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>                  |       |                  |             |             |             |                 |             |          |
|  |       | 38/50 (76%)      | 32/50 (64%) | 44/50 (88%) | 25/50 (50%) | 20/50 (40%)     | 28/50 (56%) |          |
| <b>Overall Incidence</b>   | Total | 114/150 (76%)    | Mean 76%    | SD 12%      | Total       | 73/150 (48.67%) | Mean 48.67% | SD 8.08% |
| .....  |       |                  |             |             |             |                 |             |          |
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b> |       |                  |             |             |             |                 |             |          |
|  |       | 39/50 (78%)      | 32/50 (64%) | 45/50 (90%) | 25/50 (50%) | 20/50 (40%)     | 28/50 (56%) |          |
| <b>Overall Incidence</b>   | Total | 116/150 (77.33%) | Mean 77.33% | SD 13.01%   | Total       | 73/150 (48.67%) | Mean 48.67% | SD 8.08% |
| .....  |       |                  |             |             |             |                 |             |          |
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Hepatocholangiocarcinoma</b>  |       |                  |             |             |             |                 |             |          |
|  |       | 0/50 (0%)        | 0/50 (0%)   | 1/50 (2%)   | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 1/150 (0.67%)    | Mean 0.67%  | SD 1.15%    | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....  |       |                  |             |             |             |                 |             |          |
| <b>*Liver:</b>   |       |                  |             |             |             |                 |             |          |
| <b>Ito Cell Tumor Benign</b>   |       |                  |             |             |             |                 |             |          |
|  |       | 0/50 (0%)        | 0/50 (0%)   | 0/50 (0%)   | 0/50 (0%)   | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>   | Total | 0/150 (0%)       | Mean 0%     | SD 0%       | Total       | 0/150 (0%)      | Mean 0%     | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male            |             |             | Female     |                 |             |          |
|---|-------|-----------------|-------------|-------------|------------|-----------------|-------------|----------|
| <b>*Liver:</b>  |       |                 |             |             |            |                 |             |          |
| <b>Mast Cell Tumor Malignant</b>                                      |       |                 |             |             |            |                 |             |          |
|   |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   | 1/50 (2%)  | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)      | Mean 0%     | SD 0%       | Total      | 1/150 (0.67%)   | Mean 0.67%  | SD 1.15% |
| .....   |       |                 |             |             |            |                 |             |          |
| <b>*Liver:</b>  |       |                 |             |             |            |                 |             |          |
| <b>Sarcoma</b>  |       |                 |             |             |            |                 |             |          |
|   |       | 0/50 (0%)       | 0/50 (0%)   | 0/50 (0%)   | 0/50 (0%)  | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)      | Mean 0%     | SD 0%       | Total      | 0/150 (0%)      | Mean 0%     | SD 0%    |
| .....   |       |                 |             |             |            |                 |             |          |
| <b>*Lung:</b>   |       |                 |             |             |            |                 |             |          |
| <b>Alveolar/Bronchiolar Adenoma</b>                                   |       |                 |             |             |            |                 |             |          |
|   |       | 7/50 (14%)      | 5/50 (10%)  | 7/50 (14%)  | 3/49 (6%)  | 1/50 (2%)       | 3/50 (6%)   |          |
| <b>Overall Incidence</b>  | Total | 19/150 (12.67%) | Mean 12.67% | SD 2.31%    | Total      | 7/149 (4.7%)    | Mean 4.71%  | SD 2.35% |
| .....   |       |                 |             |             |            |                 |             |          |
| <b>*Lung:</b>   |       |                 |             |             |            |                 |             |          |
| <b>Alveolar/Bronchiolar Carcinoma</b>                                 |       |                 |             |             |            |                 |             |          |
|   |       | 11/50 (22%)     | 8/50 (16%)  | 9/50 (18%)  | 5/49 (10%) | 4/50 (8%)       | 1/50 (2%)   |          |
| <b>Overall Incidence</b>  | Total | 28/150 (18.67%) | Mean 18.67% | SD 3.06%    | Total      | 10/149 (6.71%)  | Mean 6.73%  | SD 4.25% |
| .....   |       |                 |             |             |            |                 |             |          |
| <b>*Lung:</b>   |       |                 |             |             |            |                 |             |          |
| <b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b> |       |                 |             |             |            |                 |             |          |
|   |       | 16/50 (32%)     | 13/50 (26%) | 13/50 (26%) | 8/49 (16%) | 4/50 (8%)       | 4/50 (8%)   |          |
| <b>Overall Incidence</b>  | Total | 42/150 (28%)    | Mean 28%    | SD 3.46%    | Total      | 16/149 (10.74%) | Mean 10.78% | SD 4.81% |
| .....   |       |                 |             |             |            |                 |             |          |
| <b>*Lung:</b>   |       |                 |             |             |            |                 |             |          |
| <b>Hemangiosarcoma</b>  |       |                 |             |             |            |                 |             |          |
|   |       | 0/50 (0%)       | 0/50 (0%)   | 1/50 (2%)   | 0/49 (0%)  | 0/50 (0%)       | 0/50 (0%)   |          |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%)   | Mean 0.67%  | SD 1.15%    | Total      | 0/149 (0%)      | Mean 0%     | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male       |           |           | Female              |            |           |
|---|-------|------------|-----------|-----------|---------------------|------------|-----------|
| <b>#Lymph Node, Mandibular:<br/>Mast Cell Tumor Malignant</b>           |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>#Lymph Node, Mediastinal:<br/>Mast Cell Tumor Malignant</b>          |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>#Lymph Node, Mesenteric:<br/>Hemangiosarcoma</b>                     |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 0/150 (0%)    | Mean 0%    | SD 0%     |
| .....   |       |            |           |           |                     |            |           |
| <b>#Mammary Gland:<br/>Carcinoma</b>                                    |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 2/50 (4%)  | 1/50 (2%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 4/150 (2.67%) | Mean 2.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>#Mammary Gland:<br/>Carcinoma or Adenoma</b>                         |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 2/50 (4%)  | 1/50 (2%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 4/150 (2.67%) | Mean 2.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>#Mammary Gland:<br/>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b> |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 2/50 (4%)  | 1/50 (2%) |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 4/150 (2.67%) | Mean 2.67% | SD 1.15%  |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                          |       | Male          |            |           | Female    |            |           |       |
|--------------------------|-------|---------------|------------|-----------|-----------|------------|-----------|-------|
| <b>#Mesentery:</b>       |       |               |            |           |           |            |           |       |
| <b>Hemangioma</b>        |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                    |       |               |            |           |           |            |           |       |
| <b>#Mesentery:</b>       |       |               |            |           |           |            |           |       |
| <b>Hemangiosarcoma</b>   |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                    |       |               |            |           |           |            |           |       |
| <b>#Mesentery:</b>       |       |               |            |           |           |            |           |       |
| <b>Lipoma</b>            |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                    |       |               |            |           |           |            |           |       |
| <b>#Mesentery:</b>       |       |               |            |           |           |            |           |       |
| <b>Sarcoma</b>           |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                    |       |               |            |           |           |            |           |       |
| <b>*Nose:</b>            |       |               |            |           |           |            |           |       |
| <b>Adenoma</b>           |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                    |       |               |            |           |           |            |           |       |
| <b>*Nose:</b>            |       |               |            |           |           |            |           |       |
| <b>Hemangiosarcoma</b>   |       |               |            |           |           |            |           |       |
|                          |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b> | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: INHALATION  
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|   |       | Male       |           |           |       | Female     |           |           |  |
|---|-------|------------|-----------|-----------|-------|------------|-----------|-----------|--|
| <b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):<br/>Papilloma Squamous or Papilloma</b>                           |       |            |           |           |       |            |           |           |  |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |  |
| .....   |       |            |           |           |       |            |           |           |  |
| <b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):<br/>Squamous Cell Carcinoma</b>                                   |       |            |           |           |       |            |           |           |  |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |  |
| .....   |       |            |           |           |       |            |           |           |  |
| <b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):<br/>Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma</b> |       |            |           |           |       |            |           |           |  |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |  |
| .....   |       |            |           |           |       |            |           |           |  |
| <b>#Oral Mucosa:<br/>Squamous Cell Carcinoma</b>  |       |            |           |           |       |            |           |           |  |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |  |
| .....   |       |            |           |           |       |            |           |           |  |
| <b>*Ovary:<br/>Choriocarcinoma</b>  |       |            |           |           |       |            |           |           |  |
|   |       |            |           |           |       | 0/48 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  |       |            |           |           | Total | 0/148 (0%) | Mean 0%   | SD 0%     |  |
| .....   |       |            |           |           |       |            |           |           |  |
| <b>*Ovary:<br/>Cystadenocarcinoma</b>   |       |            |           |           |       |            |           |           |  |
|   |       |            |           |           |       | 0/48 (0%)  | 0/50 (0%) | 0/50 (0%) |  |
| <b>Overall Incidence</b>  |       |            |           |           | Total | 0/148 (0%) | Mean 0%   | SD 0%     |  |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
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|   | Male                | Female                 |
|---|---------------------|------------------------|
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Cystadenoma</b>                                  |                     |                        |
|   | 1/48 (2%)           | 2/50 (4%)              |
| <b>Overall Incidence</b>                            | Total 4/148 (2.7%)  | Mean 2.69%<br>SD 1.13% |
| .....   |                     |                        |
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Granulosa Cell Tumor Benign</b>                  |                     |                        |
|   | 0/48 (0%)           | 1/50 (2%)              |
| <b>Overall Incidence</b>                            | Total 1/148 (0.68%) | Mean 0.67%<br>SD 1.15% |
| .....   |                     |                        |
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Granulosa Cell Tumor: Benign, Malignant, NOS</b> |                     |                        |
|   | 0/48 (0%)           | 1/50 (2%)              |
| <b>Overall Incidence</b>                            | Total 1/148 (0.68%) | Mean 0.67%<br>SD 1.15% |
| .....   |                     |                        |
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Hemangioma</b>                                   |                     |                        |
|   | 0/48 (0%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                            | Total 0/148 (0%)    | Mean 0%<br>SD 0%       |
| .....   |                     |                        |
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Hemangiosarcoma</b>                              |                     |                        |
|   | 0/48 (0%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                            | Total 0/148 (0%)    | Mean 0%<br>SD 0%       |
| .....   |                     |                        |
| <b>*Ovary:</b>                                      |                     |                        |
| <b>Luteoma</b>                                      |                     |                        |
|   | 0/48 (0%)           | 1/50 (2%)              |
| <b>Overall Incidence</b>                            | Total 2/148 (1.35%) | Mean 1.33%<br>SD 1.15% |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male       |               |            | Female    |                 |                         |
|---|-------|------------|---------------|------------|-----------|-----------------|-------------------------|
| <b>*Ovary:</b>  |       |            |               |            |           |                 |                         |
| <b>Sarcoma</b>  |       |            |               |            |           |                 |                         |
|   |       |            | 0/48 (0%)     |            | 0/50 (0%) | 0/50 (0%)       |                         |
| <b>Overall Incidence</b>                                    |       | Total      | 0/148 (0%)    | Mean 0%    | SD 0%     |                 |                         |
| .....   |       |            |               |            |           |                 |                         |
| <b>*Ovary:</b>  |       |            |               |            |           |                 |                         |
| <b>Tubulostromal Adenoma</b>                                |       |            |               |            |           |                 |                         |
|   |       |            | 0/48 (0%)     |            | 0/50 (0%) | 0/50 (0%)       |                         |
| <b>Overall Incidence</b>                                    |       | Total      | 0/148 (0%)    | Mean 0%    | SD 0%     |                 |                         |
| .....   |       |            |               |            |           |                 |                         |
| <b>*Ovary:</b>  |       |            |               |            |           |                 |                         |
| <b>Yolk Sac Carcinoma</b>                                   |       |            |               |            |           |                 |                         |
|   |       |            | 1/48 (2%)     |            | 0/50 (0%) | 0/50 (0%)       |                         |
| <b>Overall Incidence</b>                                    |       | Total      | 1/148 (0.68%) | Mean 0.69% | SD 1.2%   |                 |                         |
| .....   |       |            |               |            |           |                 |                         |
| <b>*Pancreas:</b>   |       |            |               |            |           |                 |                         |
| <b>Carcinoma</b>  |       |            |               |            |           |                 |                         |
|   |       | 0/50 (0%)  | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%)       |                         |
| <b>Overall Incidence</b>                                    | Total | 0/150 (0%) | Mean 0%       | SD 0%      | Total     | 1/150 (0.67%)   | Mean 0.67%<br>SD 1.15%  |
| .....   |       |            |               |            |           |                 |                         |
| <b>*Pancreas:</b>   |       |            |               |            |           |                 |                         |
| <b>Carcinoma or Adenoma</b>                                 |       |            |               |            |           |                 |                         |
|   |       | 0/50 (0%)  | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%)       |                         |
| <b>Overall Incidence</b>                                    | Total | 0/150 (0%) | Mean 0%       | SD 0%      | Total     | 1/150 (0.67%)   | Mean 0.67%<br>SD 1.15%  |
| .....   |       |            |               |            |           |                 |                         |
| <b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b> |       |            |               |            |           |                 |                         |
| <b>Adenoma</b>  |       |            |               |            |           |                 |                         |
|   |       | 0/47 (0%)  | 0/50 (0%)     | 0/49 (0%)  | 3/47 (6%) | 5/50 (10%)      | 8/50 (16%)              |
| <b>Overall Incidence</b>                                    | Total | 0/146 (0%) | Mean 0%       | SD 0%      | Total     | 16/147 (10.88%) | Mean 10.79%<br>SD 4.86% |
| .....   |       |            |               |            |           |                 |                         |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male          |            |           | Female                |             |            |
|---|-------|---------------|------------|-----------|-----------------------|-------------|------------|
| <b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b> |       |               |            |           |                       |             |            |
| <b>  Carcinoma or Adenoma</b>                               |       |               |            |           |                       |             |            |
|   |       | 0/47 (0%)     | 0/50 (0%)  | 0/49 (0%) | 3/47 (6%)             | 5/50 (10%)  | 8/50 (16%) |
| <b>Overall Incidence</b>                                    | Total | 0/146 (0%)    | Mean 0%    | SD 0%     | Total 16/147 (10.88%) | Mean 10.79% | SD 4.86%   |
| .....   |       |               |            |           |                       |             |            |
| <b>*Pituitary Gland: Pars Intermedia:</b>                   |       |               |            |           |                       |             |            |
| <b>  Adenoma</b>  |       |               |            |           |                       |             |            |
|   |       | 0/47 (0%)     | 0/50 (0%)  | 1/49 (2%) | 0/47 (0%)             | 0/50 (0%)   | 0/50 (0%)  |
| <b>Overall Incidence</b>                                    | Total | 1/146 (0.68%) | Mean 0.68% | SD 1.18%  | Total 0/147 (0%)      | Mean 0%     | SD 0%      |
| .....   |       |               |            |           |                       |             |            |
| <b>*Pituitary Gland: Pars Intermedia:</b>                   |       |               |            |           |                       |             |            |
| <b>  Carcinoma or Adenoma</b>                               |       |               |            |           |                       |             |            |
|   |       | 0/47 (0%)     | 0/50 (0%)  | 1/49 (2%) | 0/47 (0%)             | 0/50 (0%)   | 0/50 (0%)  |
| <b>Overall Incidence</b>                                    | Total | 1/146 (0.68%) | Mean 0.68% | SD 1.18%  | Total 0/147 (0%)      | Mean 0%     | SD 0%      |
| .....   |       |               |            |           |                       |             |            |
| <b>*Salivary Glands:</b>                                    |       |               |            |           |                       |             |            |
| <b>  Adenoma</b>  |       |               |            |           |                       |             |            |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)             | 0/50 (0%)   | 0/50 (0%)  |
| <b>Overall Incidence</b>                                    | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total 0/150 (0%)      | Mean 0%     | SD 0%      |
| .....   |       |               |            |           |                       |             |            |
| <b>*Salivary Glands:</b>                                    |       |               |            |           |                       |             |            |
| <b>  Carcinoma or Adenoma</b>                               |       |               |            |           |                       |             |            |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)             | 0/50 (0%)   | 0/50 (0%)  |
| <b>Overall Incidence</b>                                    | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total 0/150 (0%)      | Mean 0%     | SD 0%      |
| .....   |       |               |            |           |                       |             |            |
| <b>*Salivary Glands:</b>                                    |       |               |            |           |                       |             |            |
| <b>  Hemangiosarcoma</b>                                    |       |               |            |           |                       |             |            |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%)             | 0/50 (0%)   | 0/50 (0%)  |
| <b>Overall Incidence</b>                                    | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total 0/150 (0%)      | Mean 0%     | SD 0%      |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male  |         |            |          | Female |       |         |            |          |      |
|--|-------|-------|---------|------------|----------|--------|-------|---------|------------|----------|------|
| <b>*Salivary Glands:</b>               |       |       |         |            |          |        |       |         |            |          |      |
| <b>Myxoma</b>                          |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 1/50     | (2%) |
| <b>Overall Incidence</b>               | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% |      |
| .....                                  |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Skeletal Muscle:</b>               |       |       |         |            |          |        |       |         |            |          |      |
| <b>Hemangiosarcoma</b>                 |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 1/50   | (2%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>               | Total | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                                  |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Skeletal Muscle:</b>               |       |       |         |            |          |        |       |         |            |          |      |
| <b>Rhabdomyosarcoma</b>                |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>               | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                                  |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Skeletal Muscle:</b>               |       |       |         |            |          |        |       |         |            |          |      |
| <b>Rhabdomyosarcoma or Rhabdomyoma</b> |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>               | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |
| .....                                  |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Skeletal Muscle:</b>               |       |       |         |            |          |        |       |         |            |          |      |
| <b>Sarcoma</b>                         |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 1/50     | (2%) |
| <b>Overall Incidence</b>               | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 1/150 | (0.67%) | Mean 0.67% | SD 1.15% |      |
| .....                                  |       |       |         |            |          |        |       |         |            |          |      |
| <b>#Skin:</b>                          |       |       |         |            |          |        |       |         |            |          |      |
| <b>Basal Cell Carcinoma</b>            |       |       |         |            |          |        |       |         |            |          |      |
|  |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50    | (0%)       | 0/50     | (0%) |
| <b>Overall Incidence</b>               | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%)    | Mean 0%    | SD 0%    |      |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: INHALATION  
 Vehicle: AIR

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|   |       | Male          |            |           |       | Female        |            |           |  |
|---|-------|---------------|------------|-----------|-------|---------------|------------|-----------|--|
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)</b>  |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma</b>  |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma</b> |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma</b>   |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 2/50 (4%)     | 0/50 (0%)  | 2/50 (4%) |  |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 4/150 (2.67%) | Mean 2.67% | SD 2.31%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Fibrosarcoma</b>   |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma</b>  |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 2/50 (4%)     | 0/50 (0%)  | 2/50 (4%) |  |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 4/150 (2.67%) | Mean 2.67% | SD 2.31%  |  |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                                   |       | Male          |            |           | Female    |               |            |          |
|-----------------------------------|-------|---------------|------------|-----------|-----------|---------------|------------|----------|
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Fibrous Histiocytoma</b>       |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                             |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Granular Cell Tumor Benign</b> |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                             |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Hemangioma</b>                 |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                             |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Hemangiosarcoma</b>            |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 2/50 (4%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 2/150 (1.33%) | Mean 1.33% | SD 2.31% |
| .....                             |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Keratoacanthoma</b>            |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                             |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                     |       |               |            |           |           |               |            |          |
| <b>Lipoma</b>                     |       |               |            |           |           |               |            |          |
|                                   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>          | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                                  |       | Male          |            |           | Female    |               |            |          |
|----------------------------------|-------|---------------|------------|-----------|-----------|---------------|------------|----------|
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Liposarcoma</b>               |       |               |            |           |           |               |            |          |
|                                  |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                            |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Mast Cell Tumor Benign</b>    |       |               |            |           |           |               |            |          |
|                                  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                            |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Mast Cell Tumor Malignant</b> |       |               |            |           |           |               |            |          |
|                                  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                            |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Melanoma Benign</b>           |       |               |            |           |           |               |            |          |
|                                  |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                            |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Melanoma Malignant</b>        |       |               |            |           |           |               |            |          |
|                                  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total     | 0/150 (0%)    | Mean 0%    | SD 0%    |
| .....                            |       |               |            |           |           |               |            |          |
| <b>#Skin:</b>                    |       |               |            |           |           |               |            |          |
| <b>Neural Crest Tumor</b>        |       |               |            |           |           |               |            |          |
|                                  |       | 1/50 (2%)     | 0/50 (0%)  | 0/50 (0%) | 1/50 (2%) | 0/50 (0%)     | 0/50 (0%)  |          |
| <b>Overall Incidence</b>         | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total     | 1/150 (0.67%) | Mean 0.67% | SD 1.15% |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

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**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male       |           |           |       | Female     |           |           |           |
|--|-------|------------|-----------|-----------|-------|------------|-----------|-----------|-----------|
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Neurofibroma or Schwannoma benign</b>   |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |           |
| .....  |       |            |           |           |       |            |           |           |           |
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Neurofibrosarcoma or Schwannoma (malignant or NOS)</b>                        |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |           |
| .....  |       |            |           |           |       |            |           |           |           |
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)</b> |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |           |
| .....  |       |            |           |           |       |            |           |           |           |
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Osteosarcoma</b>  |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |           |
| .....  |       |            |           |           |       |            |           |           |           |
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Sarcoma</b>   |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 2/50 (4%)  | 0/50 (0%) | 1/50 (2%) |           |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 3/150 (2%) | Mean 2%   | SD 2%     |           |
| .....  |       |            |           |           |       |            |           |           |           |
| <b>#Skin:</b>  |       |            |           |           |       |            |           |           |           |
| <b>Schwannoma Benign</b>   |       |            |           |           |       |            |           |           |           |
|  |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) |
| <b>Overall Incidence</b>   | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total | 0/150 (0%) | Mean 0%   | SD 0%     |           |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

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**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male          |            |           |       | Female        |            |           |  |
|---|-------|---------------|------------|-----------|-------|---------------|------------|-----------|--|
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Schwannoma Malignant</b>   |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma</b> |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Papilloma</b>  |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Papilloma or Papilloma</b>   |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b>                     |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....   |       |               |            |           |       |               |            |           |  |
| <b>#Skin:</b>   |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b>   |       |               |            |           |       |               |            |           |  |
|   |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 0/50 (0%)     | 1/50 (2%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male          |            |           |       | Female        |            |           |  |
|--|-------|---------------|------------|-----------|-------|---------------|------------|-----------|--|
| <b>#Spinal Cord:</b>                                 |       |               |            |           |       |               |            |           |  |
| <b>Hemangiosarcoma</b>                               |       |               |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                             | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....  |       |               |            |           |       |               |            |           |  |
| <b>*Spleen:</b>                                      |       |               |            |           |       |               |            |           |  |
| <b>Hemangiosarcoma</b>                               |       |               |            |           |       |               |            |           |  |
|  |       | 3/50 (6%)     | 0/50 (0%)  | 2/50 (4%) |       | 2/49 (4%)     | 1/50 (2%)  | 3/50 (6%) |  |
| <b>Overall Incidence</b>                             | Total | 5/150 (3.33%) | Mean 3.33% | SD 3.06%  | Total | 6/149 (4.03%) | Mean 4.03% | SD 2%     |  |
| .....  |       |               |            |           |       |               |            |           |  |
| <b>*Spleen:</b>                                      |       |               |            |           |       |               |            |           |  |
| <b>Mast Cell Tumor Malignant</b>                     |       |               |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 1/49 (2%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                             | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 1/149 (0.67%) | Mean 0.68% | SD 1.18%  |  |
| .....  |       |               |            |           |       |               |            |           |  |
| <b>#Stomach, Forestomach:</b>                        |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Carcinoma</b>                       |       |               |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |       | 0/50 (0%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                             | Total | 0/150 (0%)    | Mean 0%    | SD 0%     | Total | 0/150 (0%)    | Mean 0%    | SD 0%     |  |
| .....  |       |               |            |           |       |               |            |           |  |
| <b>#Stomach, Forestomach:</b>                        |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Carcinoma or Papilloma Squamous</b> |       |               |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 1/50 (2%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                             | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |
| .....  |       |               |            |           |       |               |            |           |  |
| <b>#Stomach, Forestomach:</b>                        |       |               |            |           |       |               |            |           |  |
| <b>Squamous Cell Papilloma</b>                       |       |               |            |           |       |               |            |           |  |
|  |       | 0/50 (0%)     | 0/50 (0%)  | 1/50 (2%) |       | 1/50 (2%)     | 0/50 (0%)  | 0/50 (0%) |  |
| <b>Overall Incidence</b>                             | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  | Total | 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |  |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|                             |       | Male                       |                         |                       | Female |                            |                         |                       |
|-----------------------------|-------|----------------------------|-------------------------|-----------------------|--------|----------------------------|-------------------------|-----------------------|
| <b>#Stomach, Glandular:</b> |       |                            |                         |                       |        |                            |                         |                       |
| <b>Adenoma</b>              |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 0/50 (0%)<br>0/150 (0%)    | 0/50 (0%)<br>Mean 0%    | 0/50 (0%)<br>SD 0%    | Total  | 0/50 (0%)<br>0/150 (0%)    | 0/50 (0%)<br>Mean 0%    | 0/50 (0%)<br>SD 0%    |
| <b>#Stomach, Glandular:</b> |       |                            |                         |                       |        |                            |                         |                       |
| <b>Carcinoma</b>            |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 0/50 (0%)<br>1/150 (0.67%) | 1/50 (2%)<br>Mean 0.67% | 0/50 (0%)<br>SD 1.15% | Total  | 0/50 (0%)<br>1/150 (0.67%) | 0/50 (0%)<br>Mean 0.67% | 1/50 (2%)<br>SD 1.15% |
| <b>#Stomach, Glandular:</b> |       |                            |                         |                       |        |                            |                         |                       |
| <b>Carcinoma or Adenoma</b> |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 0/50 (0%)<br>1/150 (0.67%) | 1/50 (2%)<br>Mean 0.67% | 0/50 (0%)<br>SD 1.15% | Total  | 0/50 (0%)<br>1/150 (0.67%) | 0/50 (0%)<br>Mean 0.67% | 1/50 (2%)<br>SD 1.15% |
| <b>*Testes:</b>             |       |                            |                         |                       |        |                            |                         |                       |
| <b>Adenoma</b>              |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 1/50 (2%)<br>2/150 (1.33%) | 0/50 (0%)<br>Mean 1.33% | 1/50 (2%)<br>SD 1.15% |        |                            |                         |                       |
| <b>*Testes:</b>             |       |                            |                         |                       |        |                            |                         |                       |
| <b>Hemangioma</b>           |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 0/50 (0%)<br>1/150 (0.67%) | 0/50 (0%)<br>Mean 0.67% | 1/50 (2%)<br>SD 1.15% |        |                            |                         |                       |
| <b>*Thymus:</b>             |       |                            |                         |                       |        |                            |                         |                       |
| <b>Neoplasm NOS</b>         |       |                            |                         |                       |        |                            |                         |                       |
| <b>Overall Incidence</b>    | Total | 0/42 (0%)<br>0/122 (0%)    | 0/41 (0%)<br>Mean 0%    | 0/39 (0%)<br>SD 0%    | Total  | 1/46 (2%)<br>1/137 (0.73%) | 0/44 (0%)<br>Mean 0.72% | 0/47 (0%)<br>SD 1.26% |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|  |       | Male       |           |           | Female    |            |           |       |
|--|-------|------------|-----------|-----------|-----------|------------|-----------|-------|
| <b>*Thymus:</b>                        |       |            |           |           |           |            |           |       |
| <b>Thymoma Benign</b>                  |       |            |           |           |           |            |           |       |
|  |       | 0/42 (0%)  | 0/41 (0%) | 0/39 (0%) | 0/46 (0%) | 0/44 (0%)  | 0/47 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/122 (0%) | Mean 0%   | SD 0%     | Total     | 0/137 (0%) | Mean 0%   | SD 0% |
| .....                                  |       |            |           |           |           |            |           |       |
| <b>*Thymus:</b>                        |       |            |           |           |           |            |           |       |
| <b>Thymoma Malignant</b>               |       |            |           |           |           |            |           |       |
|  |       | 0/42 (0%)  | 0/41 (0%) | 0/39 (0%) | 0/46 (0%) | 0/44 (0%)  | 0/47 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/122 (0%) | Mean 0%   | SD 0%     | Total     | 0/137 (0%) | Mean 0%   | SD 0% |
| .....                                  |       |            |           |           |           |            |           |       |
| <b>*Thymus:</b>                        |       |            |           |           |           |            |           |       |
| <b>Thymoma: Benign, Malignant, NOS</b> |       |            |           |           |           |            |           |       |
|  |       | 0/42 (0%)  | 0/41 (0%) | 0/39 (0%) | 0/46 (0%) | 0/44 (0%)  | 0/47 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/122 (0%) | Mean 0%   | SD 0%     | Total     | 0/137 (0%) | Mean 0%   | SD 0% |
| .....                                  |       |            |           |           |           |            |           |       |
| <b>*Thyroid Gland: C-Cell:</b>         |       |            |           |           |           |            |           |       |
| <b>Adenoma</b>                         |       |            |           |           |           |            |           |       |
|  |       | 0/49 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/149 (0%) | Mean 0%   | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                                  |       |            |           |           |           |            |           |       |
| <b>*Thyroid Gland: C-Cell:</b>         |       |            |           |           |           |            |           |       |
| <b>Carcinoma</b>                       |       |            |           |           |           |            |           |       |
|  |       | 0/49 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/149 (0%) | Mean 0%   | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                                  |       |            |           |           |           |            |           |       |
| <b>*Thyroid Gland: C-Cell:</b>         |       |            |           |           |           |            |           |       |
| <b>Carcinoma or Adenoma</b>            |       |            |           |           |           |            |           |       |
|  |       | 0/49 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b>               | Total | 0/149 (0%) | Mean 0%   | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: INHALATION**  
**Vehicle: AIR**

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|   |       | Male       |           |           | Female              |            |           |
|---|-------|------------|-----------|-----------|---------------------|------------|-----------|
| <b>*Thyroid Gland: Follicular Cell: Adenoma</b>               |       |            |           |           |                     |            |           |
|   |       | 0/49 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/149 (0%) | Mean 0%   | SD 0%     | Total 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma</b>  |       |            |           |           |                     |            |           |
|   |       | 0/49 (0%)  | 0/50 (0%) | 0/50 (0%) | 1/50 (2%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/149 (0%) | Mean 0%   | SD 0%     | Total 1/150 (0.67%) | Mean 0.67% | SD 1.15%  |
| .....   |       |            |           |           |                     |            |           |
| <b>#Tissue NOS: Fibrosarcoma</b>                              |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 0/150 (0%)    | Mean 0%    | SD 0%     |
| .....   |       |            |           |           |                     |            |           |
| <b>#Tissue NOS: Hemangiosarcoma</b>                           |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 0/150 (0%)    | Mean 0%    | SD 0%     |
| .....   |       |            |           |           |                     |            |           |
| <b>#Tongue: Squamous Cell Carcinoma or Papilloma Squamous</b> |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 0/150 (0%)    | Mean 0%    | SD 0%     |
| .....   |       |            |           |           |                     |            |           |
| <b>#Tongue: Squamous Cell Papilloma</b>                       |       |            |           |           |                     |            |           |
|   |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)           | 0/50 (0%)  | 0/50 (0%) |
| <b>Overall Incidence</b>                                      | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total 0/150 (0%)    | Mean 0%    | SD 0%     |

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Nov2014  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

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|                          |       | Male  |         |            |          | Female |       |      |         |       |      |
|--------------------------|-------|-------|---------|------------|----------|--------|-------|------|---------|-------|------|
| <b>#Tooth:</b>           |       |       |         |            |          |        |       |      |         |       |      |
| <b>Odontoma</b>          |       |       |         |            |          |        |       |      |         |       |      |
|                          |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50 | (0%)    | 0/50  | (0%) |
| <b>Overall Incidence</b> | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%) | Mean 0% | SD 0% |      |
| .....                    |       |       |         |            |          |        |       |      |         |       |      |
| <b>#Urethra:</b>         |       |       |         |            |          |        |       |      |         |       |      |
| <b>Hemangiosarcoma</b>   |       |       |         |            |          |        |       |      |         |       |      |
|                          |       | 0/50  | (0%)    | 0/50       | (0%)     | 0/50   | (0%)  | 0/50 | (0%)    | 0/50  | (0%) |
| <b>Overall Incidence</b> | Total | 0/150 | (0%)    | Mean 0%    | SD 0%    | Total  | 0/150 | (0%) | Mean 0% | SD 0% |      |
| .....                    |       |       |         |            |          |        |       |      |         |       |      |
| <b>*Urinary Bladder:</b> |       |       |         |            |          |        |       |      |         |       |      |
| <b>Hemangiosarcoma</b>   |       |       |         |            |          |        |       |      |         |       |      |
|                          |       | 0/48  | (0%)    | 1/50       | (2%)     | 0/50   | (0%)  | 0/49 | (0%)    | 0/49  | (0%) |
| <b>Overall Incidence</b> | Total | 1/148 | (0.68%) | Mean 0.67% | SD 1.15% | Total  | 0/148 | (0%) | Mean 0% | SD 0% |      |
| .....                    |       |       |         |            |          |        |       |      |         |       |      |
| <b>#Uterus:</b>          |       |       |         |            |          |        |       |      |         |       |      |
| <b>Adenoma</b>           |       |       |         |            |          |        |       |      |         |       |      |
|                          |       |       |         |            |          | 0/50   | (0%)  | 0/50 | (0%)    | 0/50  | (0%) |
| <b>Overall Incidence</b> |       |       |         |            |          | Total  | 0/150 | (0%) | Mean 0% | SD 0% |      |
| .....                    |       |       |         |            |          |        |       |      |         |       |      |
| <b>#Uterus:</b>          |       |       |         |            |          |        |       |      |         |       |      |
| <b>Carcinoma</b>         |       |       |         |            |          |        |       |      |         |       |      |
|                          |       |       |         |            |          | 0/50   | (0%)  | 0/50 | (0%)    | 0/50  | (0%) |
| <b>Overall Incidence</b> |       |       |         |            |          | Total  | 0/150 | (0%) | Mean 0% | SD 0% |      |
| .....                    |       |       |         |            |          |        |       |      |         |       |      |
| <b>#Uterus:</b>          |       |       |         |            |          |        |       |      |         |       |      |
| <b>Hemangioma</b>        |       |       |         |            |          |        |       |      |         |       |      |
|                          |       |       |         |            |          | 0/50   | (0%)  | 0/50 | (0%)    | 0/50  | (0%) |
| <b>Overall Incidence</b> |       |       |         |            |          | Total  | 0/150 | (0%) | Mean 0% | SD 0% |      |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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|  | Male                | Female                 |
|--|---------------------|------------------------|
| <b>#Uterus:</b><br><b>Hemangiosarcoma</b>                  |                     |                        |
|  | 0/50 (0%)           | 1/50 (2%)              |
| <b>Overall Incidence</b>                                   | Total 2/150 (1.33%) | Mean 1.33%<br>SD 1.15% |
| <b>#Uterus:</b><br><b>Leiomyoma</b>                        |                     |                        |
|  | 0/50 (0%)           | 1/50 (2%)              |
| <b>Overall Incidence</b>                                   | Total 1/150 (0.67%) | Mean 0.67%<br>SD 1.15% |
| <b>#Uterus:</b><br><b>Polyp Stromal</b>                    |                     |                        |
|  | 2/50 (4%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                                   | Total 4/150 (2.67%) | Mean 2.67%<br>SD 2.31% |
| <b>#Uterus:</b><br><b>Sarcoma</b>                          |                     |                        |
|  | 0/50 (0%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                                   | Total 0/150 (0%)    | Mean 0%<br>SD 0%       |
| <b>#Uterus:</b><br><b>Sarcoma Stromal</b>                  |                     |                        |
|  | 0/50 (0%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                                   | Total 0/150 (0%)    | Mean 0%<br>SD 0%       |
| <b>#Uterus:</b><br><b>Sarcoma Stromal or Polyp Stromal</b> |                     |                        |
|  | 2/50 (4%)           | 0/50 (0%)              |
| <b>Overall Incidence</b>                                   | Total 4/150 (2.67%) | Mean 2.67%<br>SD 2.31% |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2014  
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|                             |       | Male       |           |           | Female    |            |           |       |
|-----------------------------|-------|------------|-----------|-----------|-----------|------------|-----------|-------|
| <b>#Zymbal's Gland:</b>     |       |            |           |           |           |            |           |       |
| <b>Carcinoma</b>            |       |            |           |           |           |            |           |       |
|                             |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b>    | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                       |       |            |           |           |           |            |           |       |
| <b>#Zymbal's Gland:</b>     |       |            |           |           |           |            |           |       |
| <b>Carcinoma or Adenoma</b> |       |            |           |           |           |            |           |       |
|                             |       | 0/50 (0%)  | 0/50 (0%) | 0/50 (0%) | 0/50 (0%) | 0/50 (0%)  | 0/50 (0%) |       |
| <b>Overall Incidence</b>    | Total | 0/150 (0%) | Mean 0%   | SD 0%     | Total     | 0/150 (0%) | Mean 0%   | SD 0% |
| .....                       |       |            |           |           |           |            |           |       |

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied