MODIFICATION

to the MEMORANDUM OF COOPERATION

Between the
Japanese Center for the Validation of Alternative Methods
National Institute of Health Sciences
Ministry of Health, Labour, and Welfare of Japan

and the
National Toxicology Program Interagency Center for the Evaluation of Alternative
Toxicological Methods
National Institute of Environmental Health Sciences

National Institutes of Health
Department of Health and Human Services
The United States of America

and the

European Centre for the Validation of Alternative Methods Institute for Health and Consumer Protection Joint Research Center, European Commission of the European Union

and the
Environmental Health Science and Research Bureau
Safe Environments Programme
Healthy Environments and Consumer Safety Branch
Health Canada of Canada

Regarding

International Cooperation on Alternative Test Methods (ICATM)

The following governmental organization performs validation activities and seeks full membership in ICATM and intends to execute and adopt the above-referenced Memorandum of Cooperation (hereinafter referred to as the "ICATM Memorandum of Cooperation") as memorialized by the signature below:

The Korean Center for the Validation of Alternative Methods (KoCVAM), within the National Institute of Food and Drug Safety Evaluation in the Korea Food and Drug Administration, coordinates validation studies on proposed alternative methods and peer review of test methods, and provides recommendations to regulatory authorities.

The ICATM Validation Organizations as of October 13, 2010, collectively support the membership of the above-identified governmental organization in the ICATM and the

corresponding modification of the ICATM Memorandum of Cooperation, as memorialized by the signatures below. Henceforth, any reference to "ICATM Validation Organization" or "participant" in the ICATM Memorandum of Cooperation includes the above-listed governmental organization.

Signed in the English, Japanese, and Korean languages.

Signed this 8th day of March, 2011.

/ Masahiro Nishijima /

Masahiro Nishijima, Ph.D.

Director General

For the National Institute of Health Sciences Ministry of Health, Labour, and Welfare of Japan

Signed this 8th day of March, 2011.

/ Linda S. Birnbaum /

Linda S. Birnbaum, Ph.D., D.A.B.T., A.T.S. Director

For the National Toxicology Program and the National Institute of Environmental Health Sciences National Institutes of Health Department of Health and Human Services

Signed this 8th day of March, 2011.

/ Elke Anklam /

Elke Anklam, Ph.D.

Director

For the Institute for Health and Consumer Protection

Joint Research Center, European Commission of the European Union

Signed this 8th day of March, 2011.

/ David H. Blakey /

David H. Blakey, D.Phil.

Director

For the Environmental Health Science and Research Bureau Safe Environments Programme Healthy Environments and Consumer Safety Branch Health Canada

Signed this 8th day of March, 2011.

/ Seung Hee Kim /

Seung Hee Kim, Ph.D.

Director General

For the National Institute of Food and Drug Safety Evaluation Korea Food and Drug Administration

Proper signatures

Treat as signed, § 1.4(d)(2)