

Appendix G

Standard Test Reporting Template

This template is recommended to compile the data necessary to check the performance of a NRU test. Additional data, (e.g., temperature, CO₂, and humidity of incubators, or temperature of refrigerators, calibration of scales and pipettes, etc.), are not included since GLP laboratories usually record these in master records for the whole laboratory.

TEST SUBSTANCE							
Name	CAS-No. (if known)						
Laboratory Code	Molecular Weight (gram)						
Storage Conditions (tick <input type="checkbox"/>)	<input type="checkbox"/> deep frozen		<input type="checkbox"/> room temperature				
	<input type="checkbox"/> refrigerated		<input type="checkbox"/> dark				
Expiration date (if known)							
PREPARATION OF TEST SUBSTANCE							
Name of Solvent (if used)							
Percent Solvent (v/v) present in all wells							
Aids used to dissolve (tick <input type="checkbox"/>)	<input type="checkbox"/> magnetic stirrer		<input type="checkbox"/> ultra-sonication				
	<input type="checkbox"/> vortex		<input type="checkbox"/> heating to°C				
pH (measured at highest test concentration)							
Was neutralization necessary? (tick <input type="checkbox"/>)	<input type="checkbox"/> NO		<input type="checkbox"/> YES, with HCl		<input type="checkbox"/> YES, with NaOH		
Concentration series (specify in µg/ml)							
Concentration series (specify in µmol/ml)							
CELL LINE							
Name:	Supplier:						
Total Passage No. (if known):	No. of Passages after Thawing:						
CELL CULTURE CONDITIONS							
Name of Medium:	Supplier:			Lot No.:			
Name of Serum:	Supplier:			Lot No.:			
Serum Concentration	During growth:%			During Exposure:%			

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TEST ACCEPTANCE CRITERIA			
VC: mean absolute OD540 (specify and <u> </u>)	Mean OD =	<u> </u> ACCEPT	<u> </u> REJECT
VC: diff. betw. columns 2 and 11 (specify and <u> </u>)	Difference =%	<u> </u> ACCEPT	<u> </u> REJECT
PC: IC ₅₀ of concurrent SLS test (specify and <u> </u>)	IC ₅₀ =µg /ml	<u> </u> ACCEPT	<u> </u> REJECT
PC: specify where PC data are recorded:			
TEST RESULTS			
Chem. Conc. (µmol/ml)	OD540 MEAN ± SD	Viability (%) MEAN ± SD	Template reports trial No. of the test substance
VC = ZERO		100	NRU RESULT:
C1 =			IC ₅₀ = µmol/ml [equals mmol/l]
C2 =			
C3 =			PREDICTED LD₅₀:
C4 =			log LD ₅₀ =mmol/kg b.w.
C5 =			LD ₅₀ =mmol/kg b.w.
C6 =			LD ₅₀ =mg/kg b.w.
C7 =			PREDICTED STARTING DOSE: UDP
C8 =			one step (factor 3.2) below LD ₅₀ =.....mg/kg
			<u>Signature</u> :.....
			<u>Date</u> :.....