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, CO_2, 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 (g)							
Storage Conditions (check)	□ deep frozen □ refrigerated		□ room temperature □ 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 (check those applicable)	□ magnetic stirrer □ vortex		□ ultra-sonication □ heating to .....°C					
pH (measured at highest test concentration)								
Concentration series (specify in µg/ml)								
Concentration series (specify in µmol/ml)								

CELL LINE/TYPE		
Name:	Supplier:	Lot No
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: .....%

TEST ACCEPTANCE CRITERIA			
VC: mean absolute OD540 (specify and check off)	Mean OD = ...	□ ACCEPT	□ REJECT
VC: diff. betw. columns 2 and 11 (specify and check)	Difference = ...%	□ ACCEPT	□ REJECT
PC: IC_{50} of concurrent SLS test (specify and check)	IC_{50} = ...µg /ml	□ ACCEPT	□ REJECT
PC: specify where PC data are recorded:			

TEST RESULTS			
Chemical Conc. (µmol/ml)	OD540 MEAN ± SD	**Viability (%) MEAN ± SD**	Template reports trial No. ..... of the test substance **NRU RESULT:** IC_{50} = ... µmol/ml [equals mmol/l]
VC = ZERO		100	
C1 =			
C2 =			
C3 =			**PREDICTED LD_{50}:** log LD_{50} = ...mmol/kg b.w. LD_{50} = ...mmol/kg b.w. LD_{50} = ...mg/kg b.w. **PREDICTED UDP STARTING DOSE:** Divide predicted LD_{50} by 3.2 =.....mg/kg Signature:..... Date:.....
C4 =			
C5 =			
C6 =			
C7 =			
C8 =			