

Code No.12-0511

## SPECIFICATION

D-Luciferin Potassium Salt  
for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	Nearly white ~ yellow, crystalline powder ~ powder or mass to pass test
Solubility in water	
Specific rotation [ $\alpha$ ] <sub>D20(c=1,H2O)</sub>	under investigation
Absorption maximum	384~386nm
Molar absorptivity (385nm)	under investigation
Water	max.1.0%
Bacterial endotoxins	under investigation
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Assay (HPLC)	min.98.0%