

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	to pass test
Specific rotation [α] _{D20(c=1,H2O)}	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%