

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 [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% |