

Certificate of Analysis

Product Name	D-Luciferin, Sodium Salt		
Cat.No.	D1007S	Storage Conditions	-20℃ & avoid light
Lot.No.	210702E5-02	Expiration Date	01-07-2031
Molecular Formula	C ₁₁ H ₇ N ₂ NaO ₃ S ₂	Molecular Weight	302.3
CAS Number	103404-75-7	Excitation Emission	328/533 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Light yellow powder	Pass	
Weight/volume	10-10.5mg	Pass	
molar extinction coefficient	16500±1500	Pass	
Purity	HPLC: ≥95% at 254 nm ≥95% at 328 nm	Pass	
Appendix			
N/A			
Conclusion	Up to standard	Report Date	15-03-2022
QC	long zhang 15-03-2022	QA	Zhi hua Yu 15-03-2022

