

## Certificate of Analysis

Product Name	D-Luciferin, Sodium Salt		
Cat.No.	D1007L	Storage Conditions	-20℃& avoid light
Lot.No.	210826W1-03	Expiration Date	25-08-2031
Molecular Formula	C <sub>11</sub> H <sub>7</sub> N <sub>2</sub> NaO <sub>3</sub> S <sub>2</sub>	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	500-510mg	Pass	
molar extinction coefficient	16500±1500	Pass	
Purity	HPLC: ≥98% at 254 nm ≥98% at 328 nm	Pass	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	20-12-2021
QC	Chengtao Yuan. 2022-2021	QA	Binhua Yu 20-12-2021

