

Certificate of Analysis

Product Name	D-Luciferin, Potassium Salt		
Cat.No.	D1009L	Storage Conditions	Keep dry at -20℃ and avoid light
Lot.No.	025W0402-05	Expiration Date	24-01-2031
Molecular Formula	C ₁₁ H ₇ N ₂ O ₃ S ₂ K	Molecular Weight	318.42
CAS Number	115144-35-9	Excitation Emission	328/533 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Light yellow solid	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	08-04-2022
QC	long chang 08-04-2022	QA	Alv Hua Yu 08-04-2022

