

## Certificate of Analysis

<b>Product Name</b>	D-Luciferin, Potassium Salt (Enhanced)		
<b>Cat.No.</b>	D1010S	<b>Storage Conditions</b>	-20°C & avoid light
<b>Lot.No.</b>	230921W01-51	<b>Expiration Date</b>	20-09-2028
<b>Molecular Formula</b>	N/A	<b>Molecular Weight</b>	N/A
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	328/533 nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>		<b>Result</b>
Packaging appearance	Intact and undamaged		Intact and undamaged
Appearance	Light yellow powder		Light yellow powder
Weight/volume	10-10.5mg		10mg
molar extinction coefficient	16500 ± 1500		16807
Purity	HPLC: ≥95% at 254 nm ≥95% at 328 nm		99.4% at 254 nm 99.9% at 328 nm
<b>Appendix</b>			
N/A			
<b>Conclusion</b>	<b>Up to standard</b>	<b>Report Date</b>	25-06-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qin hua Yu</i>

