

Certificate of Analysis

Product Name	Lucifer Yellow Cadaverine		
Cat.No.	L4042	Storage Conditions	Keep away from light at -20°C
Lot.No.	191217G01-01	Expiration Date	16-12-2024
Molecular Formula	C ₁₇ H ₁₇ K ₂ N ₃ O ₈ S ₂	Molecular Weight	533.7
CAS Number	149733-79-9	Excitation Emission	428/536nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Yellow solid	Yellow solid	
Weight/volume	10-10.5mg	10mg	
molar extinction coefficient	12000±3000	14602	
Purity	HPLC: ≥90% at 254nm	93.3% at 254nm	
	≥90% at 427 nm	93.8% at 427 nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	21-11-2023
QC	Chen ming Jiang	QA	Qin Hua-Yu

