

Certificate of Analysis

Product Name	Biotin-4-fluorescein		
Cat.No.	B5041	Storage Conditions	Store at -20 ° C away from light
Lot.No.	241014W01-01	Expiration Date	13-10-2029
Molecular Formula	C ₃₃ H ₃₂ N ₄ O ₈ S	Molecular Weight	644.7
CAS Number	1032732-74-3	Excitation Emission	494/523 nm
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	75000±7500	72334	
Purity	HPLC: ≥90% at 254 nm	96.2% at 254 nm	
	≥90% at 498 nm	95.2% at 498 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	21-10-2024
QC	Cen ming Jiang	QA	Qin hua-Yu

