

Certificate of Analysis

Product Name	6-ROX		
Cat.No.	R5040	Storage Conditions	Store at -20 ° C away from light
Lot.No.	231205E01-01	Expiration Date	04-06-2025
Molecular Formula	C ₃₃ H ₃₀ N ₂ O ₅	Molecular Weight	534.6
CAS Number	216699-35-3	Excitation Emission	566/587 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark red solid	Dark red solid	
Weight/volume	5-5.3mg	5mg	
molar extinction coefficient	90000±27000	83178	
Purity	HPLC: ≥95% at 254 nm	98.6% at 254 nm	
	≥95% at 575 nm	99.1% at 575 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	21-12-2023
QC	Chen ming Jiang	QA	Qin hua-Yu

