

Certificate of Analysis

Product Name	all-trans-Retinal	Batch No.	M22X12053
CAS No.	116-31-4	MFG. Date	Dec 05, 2022
CAT No.	R000403	Retest Date	Dec, 2024
Items	Specification	Results	
Appearance	Yellow to brown-red powder or crystal	Conforms	
Solubility	Soluble in alcohol, chloroform, cyclohexane, petroleum ether, oils, almost insoluble in water	Conforms	
Melting Point	61-63 °C	62 °C	
Density	0.948 g/cm3	0.948 g/cm3	
Assay	≥ 99%	Conforms	
Conclusion	Corresponds.		
Storage Condition	Refrigerator.		

QC:

Alex Foster

QA:

Felix Hobart