

Certificate of Analysis

Date of Testing: 2022-01-20 14:42:29
Date of Next Testing: 2026-01-19 14:42:29
Product Name: **Nile Red**
CAS Number: 7385-67-3
Specifications & Purity: for fluorescence Analysis, ≥95.0% (HPLC)
Lot #: A2219024
SKU #: **N121291**
Analysis: 063534
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Absorbance(MeOH, 550.0 to 554.0 nm)(E1%1cm)	≥1300	1563.37
Carbon by Elemental Analysis	70-77.3 (%)	75.28 %
Purity(HPLC)	95-100 (%)	99.25400 %
Nitrogen by Elemental Analysis	7.5-8.8 (%)	8.65 %
Appearance (N121291)	green to brown powder	green to brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Opaque Pink to Red, Clear(1mg/ml)	pass	Pass



John Su
QA & QC Manager