

Certificate of Analysis

Date of Testing: 2025-03-15 10:59:55

Date of Next Testing: 2029-03-14 10:59:55

Product Name: **Nile Red**

CAS Number: 7385-67-3

Specifications & Purity: for fluorescence analysis, ≥95%(HPLC)

Lot #: C2512536

SKU #: **N121291**

Version: **0**

Analysis #: **454069**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	70-77.3 (%)	74.51 %
Purity(HPLC)	95-100 (%)	98.23800 %
Absorbance(MeOH, 550.0 to 554.0 nm) (E1%1cm)	≥1300	1301.00
Nitrogen by Elemental Analysis	7.5-8.8 (%)	8.80 %
Appearance (N121291)	Brown to Very Dark Brown and Red to Very Dark Red and Red-Brown and Very Dark Red-Brown and Green to Very Dark Green Powder or Crystals	Brown to Very Dark Brown and Red to Very Dark Red and Red-Brown and Very Dark Red-Brown and Green to Very Dark Green Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Opaque Pink to Red, Clear(1mg/ml)	pass	Pass



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager