

Certificate of Analysis

Date of Testing: 2024-04-22 14:01:26

Date of Next Testing: 2028-04-21 14:01:26

Product Name: **Nile Red**

CAS Number: 7385-67-3

Specifications & Purity: for fluorescence Analysis, ≥95.0% (HPLC)

Lot #: D2418277

SKU #: **N121291**

Analysis: **336407**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Absorbance(MeOH, 550.0 to 554.0 nm) (E1%1cm)	≥1300	1472.60
Carbon by Elemental Analysis	70-77.3 (%)	74.61%
Purity(HPLC)	95-100 (%)	98.24900%
Nitrogen by Elemental Analysis	7.5-8.8 (%)	8.73%
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



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager