

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-09 15:28:52  
 Date of Next Testing: 2027-02-08 15:28:52  
 Product Name: **Nile Red**  
 CAS Number: 7385-67-3  
 Specifications & Purity: for fluorescence Analysis, ≥95.0% (HPLC)  
 Lot #: B2302578  
 SKU #: **N121291**  
**Analysis:** **176554**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Absorbance(MeOH, 550.0 to 554.0 nm) (E1%1cm)	≥1300	2170.83
Carbon by Elemental Analysis	70-77.3 (%)	74.35 %
Purity(HPLC)	95-100 (%)	99.69200 %
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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager