

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-17 12:05:07
Date of Next Testing:	2028-07-16 12:05:07
Product Name:	<b>Nile Red</b>
CAS Number:	7385-67-3
Specifications & Purity:	for fluorescence Analysis, ≥95.0% (HPLC)
Lot #:	G2408311
SKU #	<b>N121291</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>374797</b>
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Absorbance(MeOH, 550.0 to 554.0 nm) (E1%1cm)	≥1300	1446.25
Carbon by Elemental Analysis	70-77.3 (%)	74.40
Purity(HPLC)	95-100 (%)	98.54000 %
Nitrogen by Elemental Analysis	7.5-8.8 (%)	8.78 %
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