

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-22 10:16:29  
 Date of Next Testing: 2028-04-21 10:16:29  
 Product Name: **Nile Red**  
 CAS Number: 7385-67-3  
 Specifications & Purity: for fluorescence Analysis, ≥95.0% (HPLC)  
 Lot #: D2418492  
 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  |



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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