

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-02 13:06:21  
Date of Next Testing: 2028-07-01 13:06:21  
Product Name: **Disperse Red 1**  
CAS Number: 2872-52-8  
Specifications & Purity: Dye content 95 %  
Lot #: F2424175  
SKU #: **D140971**  
Version: **0**  
Analysis #: **379385**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-64.8 (%)	61.10%
Purity(HPLC)	95-100 (%)	95.00000%
Extinction Coefficient(500-504 nm,0.007 g/L,50% EtOH)	≥33000	35309.00
Nitrogen by Elemental Analysis	16.7-18.9 (%)	18.10%
Appearance (D140971)	Red to Very Dark Red-Brown Powder	Red to Very Dark Red-Brown Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager