

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-30 17:17:18

Date of Next Testing: 2028-10-29 17:17:18

Product Name: **Disperse Red 1**

CAS Number: 2872-52-8

Specifications & Purity: Dye content 95 %

Lot #: J2425867

SKU #: **D140971**Version: **0**Analysis #: **428895**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-64.8 (%)	61.10000 %
Purity(HPLC)	95-100 (%)	95.59200 %
Extinction Coefficient(500-504 nm,0.007 g/L,50% EtOH)	≥33000	35309.00000
Nitrogen by Elemental Analysis	16.7-18.9 (%)	18.10000 %
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