

Certificate of Analysis

Date of Testing: 2022-06-20 17:29:01
Date of Next Testing: 2026-06-19 17:29:01
Product Name: **Disperse Red 1**
CAS Number: 2872-52-8
Specifications & Purity: Dye content 95 %
Lot #: F2218403
SKU #: **D140971**
Analysis: **103501**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-64.8 (%)	61.50 %
Purity(HPLC)	95-100 (%)	95.02300 %
Extinction Coefficient(500-504 nm,0.007 g/L,50% EtOH)	≥33000	45556.52
Nitrogen by Elemental Analysis	16.7-18.9 (%)	17.80 %
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