

## Certificate of Analysis

Date of Testing: 2022-06-21 14:09:41  
Date of Next Testing: 2026-06-20 14:09:41  
Product Name: **Disperse Red 1**  
CAS Number: 2872-52-8  
Specifications & Purity: Dye content 95 %  
Lot #: F2218402  
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