

Certificate of Analysis

Date of Testing: 2024-04-09 14:43:37
Date of Next Testing: 2028-04-08 14:43:37
Product Name: **Disperse Red 1**
CAS Number: 2872-52-8
Specifications & Purity: Dye content 95 %
Lot #: C2430067
SKU #: **D140971**
Analysis: **343416**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-64.8 (%)	61.00%
Purity(HPLC)	95-100 (%)	96.55000%
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



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QA & QC Manager