

## Certificate of Analysis

Date of Testing: 2024-08-21 19:14:47  
Date of Next Testing: 2028-08-20 19:14:47  
Product Name: **Direct Red 80**  
CAS Number: 2610-10-8  
Specifications & Purity: Dye content 25 %  
Lot #: H2414186  
SKU #: **D278961**  
Version: **1**  
Analysis #: **393520**

Parameter	Limit Values	Result
Extinction Coefficient(524-530 nm,c=0.03g/L;Water)	≥ 32000	38383.54770
Extinction Coefficient(277-283 nm,c=0.03g/L;Water)	≥12000	16940.47400
Extinction Coefficient(223-235 nm,c=0.03g/L;Water)	≥15000	19615.28570
Carbon by Elemental Analysis	≥9.4 (%)	15.38 %
Nitrogen by Elemental Analysis	≥2.4 (%)	3.27 %
Appearance(D278961)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



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