

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-24 18:25:12

Date of Next Testing: 2029-03-23 18:25:12

Product Name: **Chlorantine Fast Red 5B**

CAS Number: 2610-11-9

Specifications & Purity: Dye content 50%

Lot #: F2315798

SKU #: **C303261**

Version: **1**

Analysis #: **675373**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	23.2-79.9 (%)	26.86000 %
Nitrogen by Elemental Analysis	4.6-16.1 (%)	5.23000 %
Extinction Coefficient(Wavelength 505-511nm,C=0.01g/L,H ₂ O)	≥25000	28754.87000
Extinction Coefficient(Wavelength 391-397 nm,C=0.01g/L,H ₂ O)	≥10000	11892.70000
Extinction Coefficient(Wavelength 272-278nm,C=0.01g/L,H ₂ O)	≥12000	14907.80000
Appearance(C303261)	Dark Brown to Very Dark Brown and Red-Brown and Brown-Red Powder	Dark Brown to Very Dark Brown and Red-Brown and Brown-Red Powder
Solubility(C=0.1% in H ₂ O),Dark Red to Very Dark Red	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager