

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 09:36:04

Date of Next Testing: 2026-06-29 09:36:04

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

CAS Number: 2610-11-9

Specifications & Purity: Dye content 50%

Lot #: F2315793

SKU #: **C303261**

Version: **1**

Analysis #: **225866**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	23.2-79.9 (%)	26.86300 %
Nitrogen by Elemental Analysis	4.6-16.1 (%)	5.23200 %
Extinction Coefficient(Wavelength 505-511nm,C=0.01g/L,H2O)	≥25000	28754.87603
Extinction Coefficient(Wavelength 391-397 nm,C=0.01g/L,H2O)	≥10000	11892.79339
Extinction Coefficient(Wavelength 272-278nm,C=0.01g/L,H2O)	≥12000	14907.86777
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 H2O),Dark Red to Very Dark Red	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager