

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-02 09:56:43

Date of Next Testing: 2026-06-01 09:56:43

Product Name: **Reactive black 5**

CAS Number: 17095-24-8

Specifications & Purity: Dye content $\geq 50\%$

Lot #: E2325906

SKU #: **R351226**

Version: **1**

Analysis #: **220435**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	15.7-47.2 (%)	20.04700 %
Nitrogen by Elemental Analysis	3.5-10.6 (%)	4.32100 %
Extinction Coefficient (0.01 g/l, H ₂ O, λ : 307 - 313 nm)	≥ 16400	17166.11540
Extinction Coefficient (0.01 g/l, H ₂ O, λ : 593 - 597 nm)	≥ 23000	27465.78460
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager