

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-06 15:22:42
Date of Next Testing: 2026-04-26 15:22:42
Product Name: **Erythrosin B**
CAS Number: 16423-68-0
Specifications & Purity: 85%
Lot #: A1523070
SKU #: **E108729**
Analysis: **353467**
Storage Temperature: Protected from light, Desiccated

| Parameter | Limit Values | Result |
|---|---|---|
| Extinction Coefficient(λ :524 - 528 nm) | ≥ 82500 | 82535.00 |
| Dye Content | 85-100 (%) | 85.11% |
| Extinction Coefficient(λ :308 - 312 nm) | ≥ 13000 | 13004.00 |
| Extinction Coefficient(λ :259 - 263 nm) | ≥ 32000 | 321014.00 |
| Appearance (E108729) | Red to Very Dark Red Crystals or Powder | Red to Very Dark Red Crystals or Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Red-Orange to Red, Clear (c = pass 1mg/ml) | | Pass |



John Su
QA & QC Manager