

Certificate of Analysis

Date of Testing: 2023-02-24 18:37:08
Date of Next Testing: 2025-02-13 18:37:08
Product Name: **Erythrosin B**
CAS Number: 16423-68-0
Specifications & Purity: 85%
Lot #: B2321100
SKU #: **E108729**
Analysis: **191357**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Extinction Coefficient(λ :524 - 528 nm)	≥ 82500	825400.00
Dye Content	85-100 (%)	99.68%
Extinction Coefficient(λ :308 - 312 nm)	≥ 13000	140000.00
Extinction Coefficient(λ :259 - 263 nm)	≥ 32000	40000.00
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