

Certificate of Analysis

Date of Testing: 2022-02-22 16:24:15
Date of Next Testing: 2026-02-21 16:24:15
Product Name: **Erythrosin B sodium salt**
CAS Number: 568-63-8
Specifications & Purity: 85%
Lot #: B2218469
SKU #: **E104547**
Version: **0**
Analysis #: **063756**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Dye Content	85-100 (%)	99.04 %
Extinction Coefficient(λ :259 - 263 nm)	≥ 32000	33900.49
Extinction Coefficient(λ :524 - 528 nm)	≥ 82500	91954.00
Extinction Coefficient(λ :306 - 310 nm)	≥ 13000	13542.94
Appearance (E104547)	red to brown powder	red to brown powder
Biological Stain Test	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Red-Orange to Red, Clear (c = 1mg/ml)	pass	Pass



John Su
QA & QC Manager