

## Certificate of Analysis

Date of Testing: 2022-02-22 17:02:06  
Date of Next Testing: 2026-02-21 17:02:06  
Product Name: **Erythrosin B sodium salt**  
CAS Number: 568-63-8  
Specifications & Purity: 85%  
Lot #: B2218479  
SKU #: **E104547**  
Version: **0**  
Analysis #: **063756**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Dye Content	85-100 (%)	99.04 %
Extinction Coefficient( $\lambda$ :259 - 263 nm)	$\geq 32000$	33900.49
Extinction Coefficient( $\lambda$ :524 - 528 nm)	$\geq 82500$	91954.00
Extinction Coefficient( $\lambda$ :306 - 310 nm)	$\geq 13000$	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 <sub>2</sub> O , Red-Orange to Red, Clear (c = 1mg/ml)	pass	Pass



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QA & QC Manager