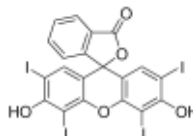


Certificate of Analysis

Product Name:

Erythrosin B - Dye content $\geq 95\%$

Product Number: 200964
Batch Number: SHBP0751
Brand: ALDRICH
CAS Number: 15905-32-5
MDL Number: MFCD00005044
Formula: C₂₀H₈I₄O₅
Formula Weight: 835.89 g/mol
Quality Release Date: 05 JAN 2022



Test	Specification	Result
Appearance (Color) Orange to Red-Orange	Conforms to Requirements	Orange-Red
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Wavelength	526 - 534 nm	530 nm
Extinction Coefficient	≥ 102000	119707
Wavelength	310 - 318 nm	314 nm
Extinction Coefficient	≥ 13000	16418
Wavelength	258 - 266 nm	264 nm
Extinction Coefficient	≥ 32000	36192
C = 0.005g/l, 95% Methanol 5% 0.1M Na ₂ CO ₃		
Carbon	27.3 - 30.2 %	27.5 %
Solubility (Turbidity) 1mg/ml 1M NH ₄ OH	Clear	Clear
Solubility (Color)	Orange to Red	Red

Larry Coers, Director
 Quality Control
 Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

