

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

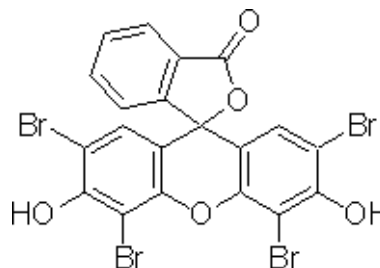
Outside USA: eurtechserv@sial.com

Product Name:

Eosin Y

Certificate of Analysis

Product Number: 230251
Lot Number: MKBK3177V
Brand: SIAL
CAS Number: 15086-94-9
MDL Number: MFCD00036189
Formula: C₂₀H₈Br₄O₅
Formula Weight: 647.89 g/mol
Quality Release Date: 18 APR 2012



Test	Specification	Result
Appearance (Color)	Orange	Orange
Appearance (Form)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Wavelength	521 - 527 nm	527 nm
Extinction Coefficient	≥ 90000	101402
Wavelength	304 - 310 nm	307 nm
Extinction Coefficient	≥ 14000	25084
Wavelength	255 - 261 nm	255 nm
Extinction Coefficient	≥ 30000	44384
in Methanol		
Purity (HPLC)	75.0	77.4 %

Jamie Gleason, Manager
 Quality Control
 Milwaukee, Wisconsin 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.