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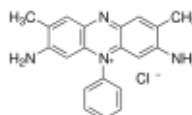
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Safranin O - Dye content ≥ 85 %

Product Number: S2255
CAS Number: 477-73-6
MDL: MFCD00011759
Formula: C₂₀H₁₉ClN₄
Formula Weight: 350.84 g/mol



TEST	Specification
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Nitrogen	13.6 - 16.8 %
Dye Content	≥ 85 %
Solubility (Color)	Dark Red to Very Dark Red
Solubility (Turbidity)	Clear
1 mg/mL, H ₂ O	
Wavelength	530 - 534 nm
E1%	1250 - 1650
50% EtOH and H ₂ O	
Recommended Retest Period	-----
4 Years	

Specification: PRD.1.ZQ5.10000043585

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.