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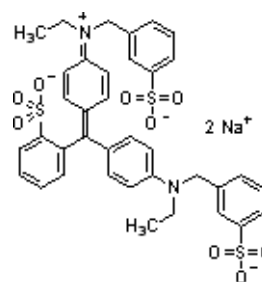
Email USA: techserv@sial.com

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Product Specification

Product Name:
Erioglaucine disodium salt

Product Number: **861146**
 CAS Number: 3844-45-9
 MDL: MFCD00012141
 Formula: C₃₇H₃₄Na₂N₂O₉S₃
 Formula Weight: 792.85 g/mol



TEST

Specification

Appearance (Color)	Purple to Dark Purple
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	627 - 631 nm
c = 0.005 g/l; Water	
Extinction Coefficient	≥ 80000
Wavelength	405 - 409 nm
Extinction Coefficient	≥ 9500
Wavelength	306 - 310 nm
Extinction Coefficient	≥ 10000
Thin Layer Chromatography	Consistent with Past Lots
Solubility (Turbidity)	Clear
c = 1 mg/ml; Water	
Solubility (Color)	Dark Blue
Carbon	39.2 - 72.9 %
Nitrogen	2.4 - 4.6 %
Dye Content	
Based on Nitrogen Content	

Specification: PRD.0.ZQ5.10000021393

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.