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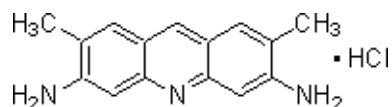
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Acridine Yellow G - Dye content 90 %

Product Number: 199508
CAS Number: 135-49-9
MDL: MFCD00012661
Formula: C₁₅H₁₅N₃ · HCl
Formula Weight: 273.76 g/mol



TEST

Specification

Appearance (Color)	Dark Orange to Very Dark Orange and Dark Brown to Very Dark Brown
Appearance (Form)	Conforms to Requirements
Crystalline Powder or Powder	
Infrared spectrum	Conforms to Structure
Wavelength	439 - 445 nm
Extinction Coefficient	≥ 30000
Wavelength	262 - 268 nm
Extinction Coefficient	≥ 44000
Carbon	57.9 - 73.7 %
Nitrogen	13.5 - 17.2 %
TLC	Conforms
Consistent With Control	
Solubility (Turbidity)	Clear
c = 1 mg/ml; Water	
Solubility (Color)	Yellow to Orange

Remarks:

Reviewing Chemist :

Specification Date : 04/15/2011

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.