

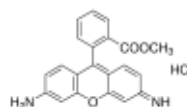
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Product Specification

Product Name:
Rhodamine 123 - mitochondrial specific fluorescent dye

Product Number: R8004
CAS Number: 62669-70-9
MDL: MFCD00012664
Formula: C₂₁H₁₆N₂O₃ · HCl
Formula Weight: 380.82 g/mol



TEST	Specification
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon (dry basis)	62.2 - 70.2 %
Nitrogen (dry basis)	6.9 - 7.8 %
Water (by Karl Fischer)	≤ 10.0 %
Solubility (Turbidity) 1mg/ml in Ethanol	Clear to Slightly Hazy
Solubility (Color) Yellow-Orange	Conforms to Requirements
Recommended Retest Period 4 Years	-----

Specification: PRD.0.ZQ5.10000102389

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.