

Certificate of Analysis

Product Name:

Methyl violet - for microscopy (Bact., Bot., Hist.), indicator (pH 0.1-2.0), mixture of polymethylated pararosaniline hydrochlorides

Product Number: 69710

Batch Number: BCCJ8578

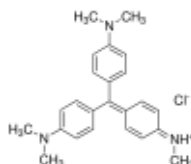
Brand: SIAL

CAS Number: 8004-87-3

Formula: C₂₄H₂₇N₃.ClH

Formula Weight: 393,95 g/mol

Quality Release Date: 16 FEB 2023



Test	Specification	Result
Appearance (Color)	Green to Very Dark Green	Very Dark Green
Appearance (Form)	Powder or Crystals	Powder
Thin Layer Chromatography	Corresponds to Standard	Corresponds
Solubility (Color)	Blue to Very Dark Blue and Purple to Very Dark Purple	Very Dark Blue
pH		0.1
(pH-Transition) 0.1 Green-Yellow		
pH		1.0
(pH-Transition) 1.0 Green-Blue		
pH		2.0
(pH-Transition) 2.0 Blue		
pH		4.0
(pH-Transition) 4.0 Violet		
Loss on Drying	≤ 8.0 %	3.8 %
Wavelength (1)(UV)	579.0 - 589.0 nm	584.4 nm
Extinction (1)(UV)	≥ 1500	2111
(1%/1cm)		
Solvent	Ethanol/H ₂ O 1/1	Ethanol/H ₂ O 1/1
(UV) Ethanol 50 %		

Dr. Reinhold Schwenninger

Quality Assurance

Buchs, Switzerland CH

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.

