

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

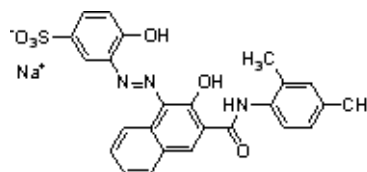
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Xylidyl blue I

Product Number: 248266
CAS Number: 14936-97-1
MDL: MFCD00003890
Formula: C₂₅H₂₀N₃NaO₆S
Formula Weight: 513.50 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Red to Purple, Brown, or Black	
Appearance (Form)	Crystal to Powder
Infrared spectrum	Conforms to Structure
Wavelength	252 - 262 nm
In Ethanol, plus 0.08M Borate Buffer	
Extinction Coefficient	≥ 28000
Typically	
Wavelength	606 - 626 nm
Extinction Coefficient	≥ 13000
Typically	
Carbon	50.0 - 61.0 %
Nitrogen	6.7 - 7.5 %

Specification: PRD.0.ZQ5.10000029189

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.