

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

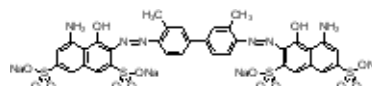
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Trypan Blue - Dye content 60 %

Product Number: **302643**
 CAS Number: 72-57-1
 MDL: MFCD00003969
 Formula: C₃₄H₂₄N₆Na₄O₁₄S₄
 Formula Weight: 960.81 g/mol



TEST	Specification
------	---------------

Appearance (Color)	Dark Green to Brown or Brown-Black
Appearance (Form)	Conforms to Requirements
Powder, Crystalline Powder or Granules	
Infrared spectrum	Conforms to Structure
Wavelength	603 - 607 nm
Extinction Coefficient	≥ 60000
c = 0.01 g/L; Methanol	
Carbon	≥ 24.6 %
Nitrogen	≥ 5.0 %
Purity (HPLC)	≥ 80.0 %
Solubility (Turbidity)	Conforms
Opaque	
c = 1mg/ml; Water	
Solubility (Color)	Dark Blue
Recommended Retest Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000026485

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.