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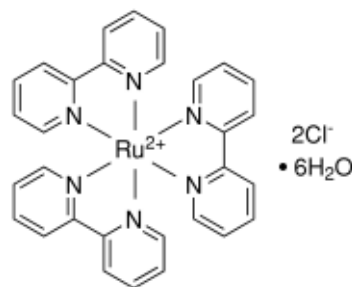
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate - powder

Product Number: 224758
CAS Number: 50525-27-4
MDL: MFCD00149670
Formula: C₃₀H₂₄Cl₂N₆Ru · 6H₂O
Formula Weight: 748.62 g/mol



TEST

Specification

Appearance (Color)	Conforms to Requirements
Red, Orange or Red-Orange	
Appearance (Form)	Conforms to Requirements
Powder or Crystalline Powder	
Infrared spectrum	Conforms to Structure
Wave Length	449 - 455 nm
C = 0.01g/l in H ₂ O	
Extinction Coefficient	≥ 11500
Carbon	45.7 - 50.5 %
Nitrogen	10.7 - 11.8 %
Solubility (Turbidity)	Clear to Slightly Hazy
1% in H ₂ O	
Solubility (Color)	Conforms
Orange to Very Dark Orange, Red-Orange or Red	

Specification: PRD.0.ZQ5.10000024693

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.