

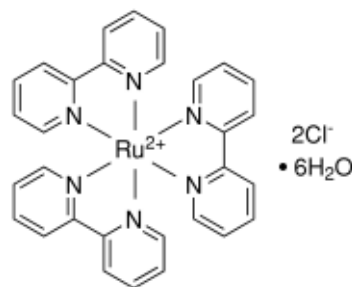
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Product Specification

Product Name:
Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate - 99.95% trace metals basis

Product Number: 544981
CAS Number: 50525-27-4
MDL: MFCD00149670
Formula: C₃₀H₂₄Cl₂N₆Ru · 6H₂O
Formula Weight: 748.62 g/mol



TEST

Specification

Appearance (Color)	Orange to Dark Red
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	45.7 - 50.5 %
Nitrogen	10.7 - 11.8 %
ICP Major Analysis	Confirmed
Confirms Ruthenium Component	
Trace Metal Analysis	≤ 550.0 ppm
Purity	Meets Requirements
99.95% Based On Trace Metals Analysis	

Specification: PRD.1.ZQ5.10000023911

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.