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Certificate of Analysis

Product Name:

BIS(CYCLOOCTADIENE)IRIDIUM(I) TETRAKIS(&

Product Number: 693774
Lot Number: 18298PJV
Brand: ALDRICH
Formula: C48H36BF24Ir
Formula Weight: 1,271.79 g/mol

Test	Specification	Result
Appearance (Color) Dark Red to Black	Conforms to Requirements	Brown
Appearance (Form) Crystals, Powder or Chunks	Conforms to Requirements	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms
Carbon	43.1 - 47.6 %	44.9 %
Gravimetric Analysis After Reduction With Magnesium	14.4 - 15.9 %	14.8 %



Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin US

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.