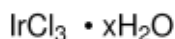


Certificate of Analysis

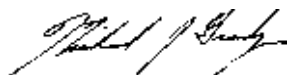
Product Name:

Iridium(III) chloride hydrate - reagent grade

Product Number: 206245
Batch Number: MKCN3140
Brand: ALDRICH
CAS Number: 14996-61-3
MDL Number: MFCD00149749
Formula: IrCl₃ · xH₂O
Formula Weight: 298.58 g/mol
Quality Release Date: 09 OCT 2020



Test	Specification	Result
Appearance (Color)	Brown to Very Dark Brown and Black	Black
Appearance (Form)	Conforms to Requirements	Crystals
Crystals, Crystalline Powder or Granular Powder and/or Chunks		
Titration by AgNO ₃	32.0 - 39.0 %	36.3 %
% Cl After Oxygen Combustion		
Gravimetric Analysis	52.0 - 63.0 %	54.6 %
% Ir After Reduction With Magnesium		
Water (by Karl Fischer)	5.0 - 10.0 %	7.9 %
ICP Major Analysis	Confirmed	Conforms
Confirms Iridium Component		



Michael Grady, Manager
Quality Control
Milwaukee, WI 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.

