

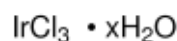
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## Product Specification

Product Name:  
Iridium(III) chloride hydrate - reagent grade

**Product Number:** 206245  
**CAS Number:** 14996-61-3  
**MDL:** MFCD00149749  
**Formula:** IrCl<sub>3</sub> · xH<sub>2</sub>O  
**Formula Weight:** 298.58 g/mol



TEST	Specification
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Appearance (Color)	Brown to Very Dark Brown and Black
Appearance (Form)	Powder or Crystals or Granules or Chunks
Titration by AgNO <sub>3</sub> % Cl After Oxygen Combustion	32.0 - 39.0 %
Gravimetric Analysis % Ir After Reduction With Magnesium	52.0 - 63.0 %
Water (by Karl Fischer)	5.0 - 10.0 %
ICP Major Analysis Confirms Iridium Component	Confirmed

Specification: PRD.5.ZQ5.10000003903

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](http://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.

