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## Product Specification

Product Name:

Iridium(III) chloride hydrate - 99.9% trace metals basis

**Product Number:****203491**

CAS Number:

14996-61-3

 $\text{IrCl}_3 \cdot x\text{H}_2\text{O}$ 

MDL:

MFCD00149749

Formula:

 $\text{IrCl}_3 \cdot x\text{H}_2\text{O}$ 

Formula Weight:

298.58 g/mol

**TEST****Specification**

Appearance (Color)

Dark Green to Black

Appearance (Form)

Conforms to Requirements

Crystals or Crystalline Powder and/or Chunks

Gravimetric Analysis

46.3 - 57.0 %

% Ir After Reduction With Magnesium

ICP Major Analysis

Conforms

Confirms Ir Component

Purity

Meets Requirements

99.9% Based on Trace Metals Impurities

Trace Metal Analysis

≤ 1500.0 ppm

Specification: PRD.3.ZQ5.10000007635

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.