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Product Specification

Product Name:
Cerium(III) nitrate hexahydrate – 99.999% trace metals basis

Product Number: **202991**
CAS Number: 10294-41-4
MDL: MFCD00149631
Formula: $\text{CeN}_3\text{O}_9 \cdot 6\text{H}_2\text{O}$
Formula Weight: 434.22 g/mol



TEST	Specification
Appearance (Color)	White to Yellow
Appearance (Form)	Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)
Complexometric EDTA % Cerium	31.1 - 33.4 %
ICP Major Analysis Confirms Cerium Component	Confirmed
Purity 99.999% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	\leq 15.0 ppm

Specification: PRD.1.ZQ5.10000044836

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.