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Product Specification

Product Name:
Cerium(III) nitrate hexahydrate – 99.99% trace metals basis

Product Number:	**392219**
CAS Number:	10294-41-4
MDL:	MFCD00149631
Formula:	CeN3O9 · 6H2O
Formula Weight:	434.22 g/mol

$Ce(NO_3)_3 \cdot 6H_2O$

TEST	Specification
Appearance (Color)	White to Yellow
Appearance (Form)	Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)
Complexiometric EDTA % Cerium	31.1 - 33.4 %
ICP Major Analysis Confirms Cerium Component	Confirmed
Purity 99.99% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 150.0 ppm

Specification: PRD.0.ZQ5.10000043835

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.