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Product Specification

Product Name:
Cerium(III) sulfate octahydrate – 99.999% trace metals basis

Product Number:	203009	$Ce_2(SO_4)_3 \cdot 8H_2O$
CAS Number:	10450-59-6	
MDL:	MFCD00149641	
Formula:	$Ce_2O_{12}S_3 \cdot 8H_2O$	
Formula Weight:	712.54 g/mol	

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Conforms to Requirements
Powder, Crystalline Powder or Granules and/or Chunks	
Complexometric EDTA	38.0 - 40.5 %
% Ce	
ICP Major Analysis	Confirmed
Confirms Cerium Component	
Purity	Meets Requirements
99.999% Based On Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 15.0 ppm

Specification: PRD.1.ZQ5.10000038726

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.