

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Cerium(III) carbonate hydrate - 99.9% trace metals basis

Product Number: 325503
CAS Number: 54451-25-1
MDL: MFCD00149635
Formula: C₃Ce₂O₉ · xH₂O
Formula Weight: 460.26 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Complexiometric EDTA % Ce	≥ 40.0 %
ICP Major Analysis Confirms Cerium Component	Confirmed
Purity 99.9% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000030825

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.