

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(IV) oxide – powder, 99.995% trace metals basis

Product Number: 202975
CAS Number: 1306-38-3
MDL: MFCD00010933
Formula: CeO₂
Formula Weight: 172.11 g/mol

**TEST****Specification**

Appearance (Color)	Faint Yellow to Dark Yellow and Faint Beige to Dark Beige
Appearance (Form)	Powder
Loss on Ignition Typically < 1%	
X-Ray Diffraction	Conforms to Structure
Purity 99.995% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 55.0 ppm

Specification: PRD.2.ZQ5.10000027411

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.