

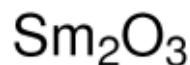
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Samarium(III) oxide – 99.9% trace metals basis

Product Number: 228672
CAS Number: 12060-58-1
MDL: MFCD00011237



Formula Weight: 348.70 g/mol

TEST	Specification
Appearance (Color)	Off White to Beige
Appearance (Form)	Powder
Titration with EDTA % Samarium	82.3 - 90.1 %
ICP Major Analysis Confirms Samarium Component	Confirmed
Purity 99.9% Based On Trace Metals Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000088357

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.