

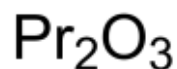
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Praseodymium(III) oxide - 99.9% trace metals basis

Product Number: 558249
CAS Number: 12036-32-7
Formula: O3Pr2
Formula Weight: 329.81 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Light Green to Green	
Appearance (Form)	Powder
Complexometric EDTA	84.2 - 86.7 %
% Praseodymium	
ICP Major Analysis	Confirmed
Confirms Praseodymium Component	
Purity	Meets Requirements
99.9% Based On Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000028880

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.

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Product Specification

Product Name:
Calcium carbonate - ReagentPlus®

Product Number: C6763
CAS Number: 471-34-1
MDL: MFCD00010906
Formula: CCaO3
Formula Weight: 100.09 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear
10 g + 20 mL of HCl, dilute to 150 mL with H ₂ O	
Solubility (Color)	Colorless
Purity Titration by EDTA	≥ 99.0 %
Recommended Retest Period	-----
3 Years	

Specification: PRD.1.ZQ5.10000009630

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Product Specification

Product Name:
Manganese(II) oxide - $\geq 99.99\%$ trace metals basis

Product Number: 431761
CAS Number: 1344-43-0
MDL: MFCD00016226
Formula: MnO
Formula Weight: 70.94 g/mol

MnO

TEST	Specification
Appearance (Color)	Light Green to Dark Green
Appearance (Form)	Powder or Chunks
X-Ray Diffraction	Conforms to Structure
Compleximetric EDTA % Mn	75.5 - 79.4 %
Trace Metal Analysis	≤ 100.0 ppm
Purity > = 99.99% Based On Trace Metals Analysis	Meets Requirements

Specification: PRD.0.ZQ5.10000021125

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