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## Product Specification

Product Name:

Bismuth(III) oxide – nanopowder, 90–210 nm particle size, 99.8% trace metals basis

Product Number:

**637017**

CAS Number:

1304-76-3

MDL:

MFCD00003462

Formula:

Bi<sub>2</sub>O<sub>3</sub>

Formula Weight:

465.96 g/mol



TEST	Specification
Appearance (Color)	Yellow
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Compleximetric EDTA % Bismuth	≥ 87.9 %
Size 90-210 nm	Conforms
Purity 99.8% Based on Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 2500.0 ppm

Specification: PRD.0.ZQ5.10000043634

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](http://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.