

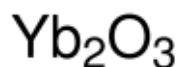
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## Product Specification

Product Name:  
Ytterbium(III) oxide – 99.99% trace metals basis

**Product Number:** 204889  
**CAS Number:** 1314-37-0  
**MDL:** MFCD00011290  
**Formula:** O<sub>3</sub>Yb<sub>2</sub>  
**Formula Weight:** 394.08 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Complexometric EDTA % Yb	86.5 - 89.1 %
ICP Major Analysis Confirms Ytterbium Component	Confirmed
Purity 99.99% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 150.0 ppm

Specification: PRD.0.ZQ5.10000043544

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.