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## Product Specification

Product Name:  
Yttrium – powder, –40 mesh, 99.5% trace rare earth metals basis

**Product Number:** 261327  
**CAS Number:** 7440-65-5  
**MDL:** MFCD00011468  
**Formula:** Y  
**Formula Weight:** 88.91 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Grey	
X-Ray Diffraction	Conforms to Structure
Appearance (Form)	Conforms to Requirements
Shiny Powder	
Particle Size Distribution	≥ 90.0 %
-40 mesh	
ICP Major Analysis	Confirmed
Confirms Yttrium Component	
Purity	Conforms
99.5% Purity Based On Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 5500.0 ppm

Specification: PRD.4.ZQ5.10000034801

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.