

3050 Spruce Street, Saint Louis, MO 63103, USA

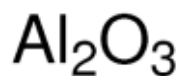
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## Product Specification

Product Name:

Aluminum oxide – powder, primarily  $\alpha$  phase,  $\leq 10 \mu\text{m}$  avg. part. size, 99.5% trace metals basis

**Product Number:** 265497  
**CAS Number:** 1344-28-1  
**MDL:** MFCD00003424  
**Formula:**  $\text{Al}_2\text{O}_3$   
**Formula Weight:** 101.96 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Average Particle Size	$\leq 10$ micron
Purity	Meets Requirements
99.5% Based on Trace Metals Analysis	
Trace Metal Analysis	$\leq 5500.0$ ppm

Specification: PRD.2.ZQ5.10000021451

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.