

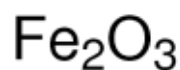
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## Product Specification

Product Name:  
Iron(III) oxide – powder, <5 µm, ≥96%

**Product Number:** 310050  
**CAS Number:** 1309-37-1  
**MDL:** MFCD00011008  
**Formula:** Fe<sub>2</sub>O<sub>3</sub>  
**Formula Weight:** 159.69 g/mol



TEST	Specification
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Appearance (Color)	Red to Very Dark Red and Brown-Red and Brown-Orange
Appearance (Form)	Powder
ICP Major Analysis	Confirmed
Confirms Iron Component	
Titration with Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	96.0 - 104.0 %
Size	< 5 micron
Particle Size Measurements	

Specification: PRD.4.ZQ5.10000017396

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.