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Product Specification

Product Name:

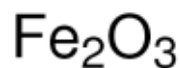
Iron(III) oxide, dispersion - nanoparticles, ≤110 nm particle size, 20 wt. % in H₂O

Product Number:

720704

CAS Number:

1309-37-1



Formula:

Fe₂O₃

Formula Weight:

159.69 g/mol

TEST**Specification**

Appearance (Color)	Yellow to Brown
Appearance (Form)	Conforms to Requirements
Dispersion	
Infrared spectrum	Conforms to Structure
ICP Major Analysis	Confirmed
Confirms Iron Component	
Particle Size	≤ 110 nm
pH	Confirmed
6-8	
Loading, Dispersion	15.0 - 25.0 % wt
Recommended Retest Period	-----
1 Year	

Specification: PRD.4.ZQ5.10000022603

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. 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.