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## Product Specification

Product Name:  
Iron - granular, 10-40 mesh, >99.99% trace metals basis

**Product Number:** 413054  
**CAS Number:** 7439-89-6  
**MDL:** MFCD00010999  
**Formula:** Fe  
**Formula Weight:** 55.85 g/mol

Fe

TEST	Specification
Appearance (Color)	Conforms to Requirements
Silver	
Appearance (Form)	Granules
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	
% Fe	
ICP Major Analysis	Confirmed
Confirms Iron Component	
Trace Metal Analysis	≤ 100.0 ppm
Purity	Meets Requirements
> 99.99% Based on Trace Metals Analysis	
Size	Confirmed
(10-40 Mesh)	
Particle Size Distribution	
(+ 10 Mesh)	
Particle Size Distribution	
(+ 20 Mesh)	
Particle Size Distribution	
(+ 30 Mesh)	
Particle Size Distribution	
(+ 40 Mesh)	
Particle Size Distribution	
(-40 Mesh)	

Specification: PRD.0.ZQ5.10000029571

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.