

Certificate of Analysis

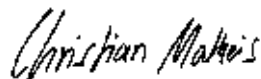
Product Name:

Iron(III) chloride - reagent grade, 97%

Product Number: 157740
Batch Number: SDBB2833
Brand: SIGALD
CAS Number: 7705-08-0
Formula: Cl_3Fe
Formula Weight: 162,20 g/mol
Quality Release Date: 10 MAR 2025



Test	Specification	Result
Appearance (Color)	Faint Green to Dark Green and Grey to Very Dark Grey and Black	Black
Appearance (Form)	Powder	Powder
Titration with $\text{Na}_2\text{S}_2\text{O}_3$ (As Fe)	33.1 - 35.6 %	34.3 %
ICP Major Analysis Confirms Iron Component	Confirmed	Confirmed



Dr. Christian Matheis
Manager, Quality Control
Schnelldorf, Germany DE

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.

