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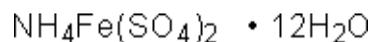
Product Specification

Product Name:

Ammonium iron(III) sulfate dodecahydrate ACS reagent, 99%

Product Number:

221260



CAS Number:

7783-83-7

MDL:

MFCD00150004

Formula:

H4FeNO8S2 · 12H2O

Formula Weight:

482.19 g/mol

TEST	Specification
Appearance (Color) Pale Violet	Conforms to Requirements
Appearance (Form) Crystals	Conforms to Requirements
Titration by Na2S2O3	98.5- 102.0 %
Insoluble matter	≤0.01 %
Chloride Content	≤0.001 %
Copper (Cu)	≤0.003 %
Iron (Fe) (Ferrous Iron Test)	Pass
Nitrate (NO3)	≤0.01 %
Zinc (Zn)	≤0.003 %
Calcium (Ca)	≤0.01 %
Magnesium (Mg)	≤0.005 %
Potassium (K)	≤0.005 %
Sodium (Na)	≤0.02 %
Meets ACS Requirements	Current ACS Specification

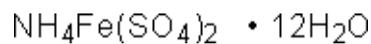
Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser 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.

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Specification Date : 11/13/2010

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