Material Safety Data Sheet

Ammonium Ferrous Sulfate (RXSOL-60-6122-025)

1. Product and Company Identifaction

Product Name	:Ammonium Iron II Sulfate Hexahydrate Cryst .Pure
Part Number	:RXSOL-60-6122-250

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai, Chennai, Vizag, Kolkata, UAE, Oman.

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Certificate of Analysis

Product Name: Ammonium Iron Ii Sulfate Hexahydrate Cryst .Pure

Product Number:RXSOL-60-6122-250

CAS Number:7783-85-9

Formula:H8FeN2O8S2 · 6H2O

Formula Weight:392.14 g/mol

9. Physical and chemical properties

Test	Specification	Result
Appearance (Color) Light Green to Blue	Conforms to Requirements	Faint Blue
Appearance (Form) Crystals or Crystalline Powder	Conforms to Requirements	Crystals
Titration by KMNO4 % Iron	13.8 - 14.7 %	14.1 %
ICP Major Analysis Confirms Iron and Sulfur Components	Confirmed	Confirmed
Purity 99.997% Based on Trace Metals Analysis	Meets Requirements	Meets Requirements
Trace Metal Analysis	_ 35.0 ppm	17.8 ppm
Silver (Ag)		0.1 ppm
Aluminum (Al)		0.7 ppm
Barium (Ba)		0.1 ppm
Calcium (Ca)		0.8 ppm
Cadmium (Cd)		0.2 ppm
Cobalt (Co)		1.2 ppm
Chromium (Cr)		0.4 ppm
Copper (Cu)		0.2 ppm
Magnesium (Mg)		0.1 ppm
Manganese (Mn)		0.1 ppm

Sodium (Na)	1.0 ppm
Nickel (Ni)	0.9 ppm
Lead (Pb)	4.7 ppm
Antimony (Sb)	4.5 ppm
Tin (Sn)	2.0 ppm
Strontium (Sr)	0.1 ppm
Titanium (Ti)	0.1 ppm
Zinc (Zn)	0.6 ppm
Zirconium (Zr)	0.3 ppm