

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Ferrous Sulphate Hexahydrate 99 % AR

Catalog Number : O-5022

Batch Number : 5022-00000000

CAS Number : 7783-85-9

Molecular Weight : 392.13 g/mol

Mol. Formula : $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

Expire Date : 36 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Greenish blue crystals/crystalline powder	Greenish blue crystals
2	Assay (oxidimetric)	99.0 – 101.5 %	100.553%
3	Insoluble matter	max 0.01 %	0.0045%
4	Phosphate (PO_4)	max 0.003 %	0.00035%
5	Calcium (Ca)	max 0.005 %	0.00077%
6	Copper (Cu)	max 0.003 %	0.00028%
7	Ferric ion(Fe^{3+})	max 0.01 %	0.0043%
8	Manganese (Mn)	max 0.01 %	0.0035%
9	Magnesium (Mg)	max 0.002 %	0.00042%
10	Potassium (K)	max 0.002 %	0.00034%
11	Sodium (Na)	max 0.02 %	0.0055%
12	Zinc (Zn)	max 0.003 %	0.00064%
13	Substance not precipitated by NH_4OH	max 0.003 %	0.0011%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIYO S.Si.
Manager QC