

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-25 10:54:31
 Date of Next Testing: 2027-11-25 10:54:31
 Product Name: **Iron(II) sulfate heptahydrate**
 CAS Number: 7782-63-0
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure
 Lot #: K2420128
 SKU #: **I434044**
 Version: **1**
 Analysis #: **204383**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(manganometric)	99.5-102 (%)	100.65000 %
Insoluble matter	0-0.01 (%)	0.00 %
(PO4)Phosphate	0-0.001 (%)	0.00 %
Total nitrogen(N)	0-0.001 (%)	0.00070 %
Heavy metals(as Pb)	0-0.005 (%)	0.00 %
Arsenic(As)	0-0.0002 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Chromium(Cr)	0-0.005 (%)	0.00000 %
Cobalt(Co)	0-0.0025 (%)	0.00 %
Copper(Cu)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Manganese(Mn)	0-0.05 (%)	0.02 %
Sodium(Na)	0-0.02 (%)	0.00 %
Nickel(Ni)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.005 (%)	0.00 %
pH-value (5 %; water)	3.0-4.0	4.00000
Chloride	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.02 (%)	0.01 %
Substance not precipitated by ammonium hydroxide	0-0.1 (%)	0.01000 %
Appearance(I434044)	blue to green powder or crystals	blue to green powder or crystals
Appearance of solution	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager