

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-05-11 15:15:23
Date of Next Testing:	2026-05-10 15:15:23
Product Name:	<b>Iron(II) sulfate heptahydrate</b>
CAS Number:	7782-63-0
Specifications & Purity:	Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur
Lot #:	D2324861
SKU #	<b>I434044</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>204383</b>
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



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

John Su  
QA & QC Manager