

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Iron(II) sulfate heptahydrate**  
Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur  
SKU # **I434044**

Parameter	Limit Values
Appearance(I434044)	blue to green powder or crystals
X-Ray Diffraction	Conforms to Structure
Assay(manganometric)	99.5-102 (%)
Appearance of solution	Conforms
Insoluble matter	0-0.01 (%)
pH-value (5 %; water)	3.0-4.0
Chloride	0-0.0005 (%)
(PO <sub>4</sub> )Phosphate	0-0.001 (%)
Total nitrogen(N)	0-0.001 (%)
Heavy metals(as Pb)	0-0.005 (%)
Arsenic(As)	0-0.0002 (%)
Calcium(Ca)	0-0.005 (%)
Chromium(Cr)	0-0.005 (%)
Cobalt (Co)	0-0.0025 (%)
Copper(Cu)	0-0.001 (%)
Iron(Fe)	0-0.02 (%)
Potassium(K)	0-0.002 (%)
Magnesium(Mg)	0-0.002 (%)
Manganese(Mn)	0-0.05 (%)
Sodium(Na)	0-0.02 (%)
Nickel(Ni)	0-0.005 (%)
Lead ( Pb)	0-0.0005 (%)
Zinc(Zn)	0-0.005 (%)
Substance not precipitated by ammonium hydroxide	0-0.1 (%)