CERTIFICATE OF ANALYSIS

Product Name: Ferrous Sulfate, Heptahydrate
ACS Grade

Catalog Number:	F006	Lot Number:	05152014
Molecular Formula:	$FeSO_4 \cdot 7H_2O$	CAS Number:	7782-63-0
Formula Weight:	278.01	Source:	Synthetic

Test	Specifications	Results
Appearance	Green to Blue-Green solid	PASS
Identity Test	Passes Test	PASS
Purity	≥ 99.0 %	100.9 %
Insoluble Matter	≤ 0.01 %	0.002 %
Calcium (Ca)	≤ 0.005 %	0.001 %
Chloride (Cl)	≤ 0.001 %	< 0.001 %
Copper (Cu)	≤ 0.005 %	0.003 %
Ferric Ion (Fe^{3+})	≤ 0.1 %	< 0.1 %
Magnesium (Mg)	≤ 0.002 %	0.002 %
Manganese (Mn)	≤ 0.05 %	0.01 %
Phosphate (PO_4)	≤ 0.001 %	< 0.001 %
Potassium (K)	≤ 0.002 %	0.0001 %
Sodium (Na)	≤ 0.02 %	0.0002 %
Zinc (Zn)	≤ 0.005 %	0.002 %
Solubility (486mg/mL, H_2O)	Yellow-Green Solution	PASS

Additional Information

Store at 15 to 30°C

Retest Date: 30 November 2019

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for laboratory use only.

Becky Kowallis 5/18/2015
Quality Control

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