

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

Certificate of Analysis

Ferrous Sulfate Heptahydrate ACS/USP/FCC

Catalog Number: FS1001 **Lot Number:** 1116703

Synonym(s): Iron (II) sulfate heptahydrate

CAS Number: 7782-63-0 Molecular Formula: $FeSO_4 \cdot 7H_2O$

Molecular Weight: 278.01

Storage: 15°C – 30°C

Date of Manufacture: August 22, 2017

Retest Date: August 21, 2020

Test	Specification	Result
Appearance	Green to bluish-green crystals	Conforms
Assay	99.5 – 104.5%	100.44%
Identification	To pass tests	Conforms
pH (5%)	3.0 – 4.0	3.41
Insoluble Matter	≤ 0.01%	0.005%
Chloride	≤ 0.001%	< 0.001%
Phosphate	≤ 0.001%	< 0.001%
Calcium	≤ 0.005%	0.0006%
Copper	≤ 0.005%	0.0018%
Ferric (Fe ³⁺)	≤ 0.1%	< 0.1%
Magnesium	≤ 0.002%	0.0007%
Manganese	≤ 0.05%	0.0228%
Potassium	≤ 0.002%	0.0008%
Sodium	≤ 0.02%	0.0015%
Zinc	≤ 0.005%	0.0006%
Arsenic	≤ 3ppm	< 3ppm
Lead	≤ 2mg/kg	0.8mg/kg
Mercury	≤ 1μg/g	< 1μg/g
Residual Solvents: Wa	ter was the only solvent used during the man	ufacturing process.

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

Tel: 440-539-7033 Fax: 888-211-5523

john@gojirafc.com

For research purposes only. Not for drug or clinical use in humans or human food additive use.

Date: November 16, 2017