

Certificate of Analysis

Ammonium iron(III) sulfate dodecahydrate

PurReagent, 99.0%

Product Number	PSR38178	CAS No.	7783-83-7
Brand	PureSynth	Lot No.	A38178H1023
Molecular Formula	$\text{NH}_4\text{FeS}_2\text{O}_8 \cdot 12\text{H}_2\text{O}$	Date of Mfg.	Oct.2023
Molecular Weight	482.19 g/mol	Date of Exp.	Sep.2026

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.0%	99.8 %
Water insoluble matter	NMT 0.01 %	< 0.01 %
Potassium (K)	NMT 0.005 %	< 0.005 %
Magnesium (Mg)	NMT 0.005 %	< 0.005 %
Zinc (Zn)	NMT 0.003 %	< 0.003 %
Copper (Cu)	NMT 0.003 %	< 0.003 %
Sodium (Na)	NMT 0.02 %	< 0.02 %
Calcium (Ca)	NMT 0.01 %	< 0.01 %
Iron (Fe 2+)	NMT 0.001 %	< 0.001 %
Chloride (Cl)	NMT 0.001 %	< 0.001 %
Nitrate (NO3)	NMT 0.01 %	< 0.01 %

Condition: Store at room temperature and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com