

Certificate of Analysis

Compound Information

Product Name:	Iron(II) sulfate heptahydrate
Cat. No.:	1043141
CAS No.:	7782-63-0
Molecular Formula:	FeH ₁₄ O ₁₁ S
Molecular Weight:	278.01
Chemical Structure:	

Batch Information

Batch No.:	Lg0417237288
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-04-17
Retest Date:	2026-04-16
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Light blue to blue (Solid)	Light Blue-green (Crystal)
Assay, ω/%:	≥99.0	99.3
Water Insoluble Substance, ω/%:	≤0.005	0.0038
Chloride(Cl), ω/%:	≤0.001	0.0008
Total Nitrogen(N), ω/%:	≤0.001	0.0008
Phosphate(PO ₄), ω/%:	≤0.0005	0.0004
Arsenic(As), ω/%:	≤0.0002	0.0001
Manganese(Mn), ω/%:	≤0.05	0.05
High Valent Iron (Fe), ω/%:	≤0.02	0.018
Copper(Cu), ω/%:	≤0.002	Qualified
Zinc(Zn), ω/%:	≤0.005	Qualified
Lead(Pb), ω/%:	≤0.002	Qualified
Ammonia Water Without Sediment (As SO ₄), ω/%:	≤0.05	Qualified

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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