

Certificate of Analysis

Compound Information

Product Name:	Nitric acid (nitrate nonahydrate)
Cat. No.:	1043136
CAS No.:	7782-61-8
Molecular Formula:	FeH ₁₈ N ₃ O ₁₈
Molecular Weight:	404.00
Chemical Structure:	

Batch Information

Batch No.:	Lg1018324422
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-10-18
Retest Date:	2026-10-17
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Off-white to Pale purple (Solid)	Gray White (Crystal)
Assay, ω/%:	≥98.5	98.6
Water Insoluble Substance, ω/%:	≤0.005	0.0045
Chloride(Cl), ω/%:	≤0.0005	0.00045
Sulfate(SO ₄), ω/%:	≤0.005	0.003
Sodium(Na), ω/%:	≤0.005	qualified
Magnesium(Mg), ω/%:	≤0.005	qualified
Potassium(K), ω/%:	≤0.005	qualified
Calcium(Ca), ω/%:	≤0.010	qualified
Copper(Cu), ω/%:	≤0.001	qualified
Zinc(Zn), ω/%:	≤0.001	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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