

Certificate of Analysis

Compound Information

Product Name:	Sodium sulfide nonahydrate, 98.0%
Cat. No.:	1251791
CAS No.:	1313-84-4
Molecular Formula:	H ₁₈ Na ₂ O ₉ S
Molecular Weight:	240.18
Chemical Structure:	

Batch Information

Batch No.:	Lg1125340550
Storage:	2-8°C, sealed storage, away from moisture and light
Test Date:	2023-11-25
Retest Date:	2026-11-24
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Colorless to off-white (<50°C Solid,>50°C Liquid)	colourless (Crystalline)
Purity,ω/%:	≥98.0	98.2
Assay,ω/%:	≥32.5	32.7
Sodium Sulfite (Na ₂ SO ₃),ω/%:	≤1.08	1.06
Sodium Thiosulfate (Na ₂ S ₂ O ₃), ω/%:	≤0.86	0.84
Iron(Fe),ppm:	2~7	5
Carbonate (CO ₃),ω/%:	≤0.5	0.4
Water Insoluble Substance,ω/%:	≤0.015	0.012
Clarity Test:	Qualified	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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