

## Certificate of Analysis

### Compound Information

Product Name:	Sodium sulfate anhydrous, AR, 99%
Cat. No.:	1042889
CAS No.:	7757-82-6
Molecular Formula:	Na <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	142.04
Chemical Structure:	



### Batch Information

Batch No.:	L392117
Storage:	Store at room temperature
Test Date:	2024-04-06
Retest Date:	2029-04-05
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.0	99.75
pH(50 g/L 25°C):	5.0~8.0	5.85
Clarity Test, No.:	≤3	qualified
Water Insoluble Substance, ω/%:	≤0.005	0.004
Loss On Ignition, ω/%:	≤0.2	0.14
Chloride(Cl), ω/%:	≤0.001	qualified
Phosphate(PO <sub>4</sub> ), ω/%:	≤0.001	qualified
Total Nitrogen(N), ω/%:	≤0.0005	qualified
Potassium(K), ω/%:	≤0.01	0.0082
Calcium(Ca), ω/%:	≤0.002	0.0015
Iron(Fe), ω/%:	≤0.0005	qualified
Heavy Metals(as Pb), ω/%:	≤0.0005	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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