

Certificate of Analysis

Compound Information

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



Batch Information

Batch No.:	L335473
Storage:	Store at room temperature
Test Date:	2024-01-18
Retest Date:	2029-01-17
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.0	99.1
pH(50 g/L 25°C):	5.0~8.0	6.8
Clarity Test, No.:	≤3	qualified
Water Insoluble Substance, ω/%:	≤0.005	0.0047
Loss On Ignition, ω/%:	≤0.2	0.18
Chloride(Cl), ω/%:	≤0.001	0.0008
Phosphate(PO ₄), ω/%:	≤0.001	0.0008
Total Nitrogen(N), ω/%:	≤0.0005	qualified
Potassium(K), ω/%:	≤0.01	qualified
Calcium(Ca), ω/%:	≤0.002	qualified
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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