

Product Specification

Product Name:

Sodium sulfate ACS, anhydrous, PurReagent ≥99.0%

Product No.: PSR23776
Brand: PureSynth
CAS No.: 7757-82-6
Molecular Formula: Na₂SO₄
Molecular Weight: 142.04 g/mol



Test	Specification
Appearance	White powder
Assay (on Dried Basis)	≥ 99.0 %
Identification by IR	Conforms to Structure
Free acid (As H ₂ SO ₄)	NMT 0.05 %
Free alkali (As NaOH)	NMT 0.03 %
Calcium (Ca)	NMT 20 ppm
Chloride (Cl)	NMT 10 ppm
Magnesium (Mg)	NMT 25 ppm
Iron (Fe)	NMT 5 ppm
Zinc (Zn)	NMT 0.02 %
Phosphate (PO ₄)	NMT 0.001 %
Potassium (K)	NMT 0.01 %
pH (5 %, 25 °C)	5.2 - 8.0
Heavy metals (As Pb)	NMT 5 ppm
Water insoluble matter	NMT 0.01 %
Loss on ignition (800°C)	NMT 0.5 %
Loss on drying (130°C)	NMT 0.5 %
Total Nitrogen (as N)	NMT 5 ppm
Meets ACS Requirements	Conforms

Specification: PR-1.0-QA/449, Ver. 1.1, 07.05.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com