

Product Specification

Product Name:

Sodium sulfate PurSure, ACS, ISO, Reag. Ph. Eur., anhydrous, ≥99.0%

Product No.: PSR43520
Brand: PureSynth
CAS No.: 7757-82-6
Molecular Formula: Na₂SO₄
Molecular Weight: 142.04 g/mol



Test	Specification
Appearance	White to Off-white Powder
Assay (on dried basis)	99.0 - 101.0 %
pH (5%, water, 25°C)	5.2-8.0
Loss on drying (130°C)	NMT 0.50 %
Loss on ignition (800°C)	NMT 0.50 %
Appearance of solution	Complies
Acidity or alkalinity	Complies
Identification by IR	Conforms to Structure
Water insoluble matter	NMT 0.01 %
Arsenic (As)	NMT 0.0001 %
Calcium (Ca)	NMT 0.002 %
Chloride (Cl)	NMT 0.001 %
Iron (Fe)	NMT 0.0005 %
Potassium (K)	NMT 0.01 %
Magnesium (Mg)	NMT 0.0025 %
Phosphate (PO ₄)	NMT 0.001 %
Total nitrogen (N)	NMT 0.0005 %
Heavy metals (as Pb)	NMT 0.0005 %

Specification: PS-1.0-QA/013

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