

Certificate of Analysis

Product Name:

Sodium sulfate ACS, anhydrous, PurReagent ≥99.0%

Product No.: PSR23776
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7757-82-6
Molecular Formula: Na₂SO₄
Molecular Weight: 142.04 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White powder	White Powder
Assay (on Dried Basis)	≥ 99.0 %	99.99 %
Free acid (As H ₂ SO ₄)	NMT 0.05 %	Conforms
Free alkali (As NaOH)	NMT 0.03 %	Conforms
Calcium (Ca)	NMT 20 ppm	Conforms
Chloride (Cl)	NMT 10 ppm	Conforms
Magnesium (Mg)	NMT 25 ppm	Conforms
Iron (Fe)	NMT 5 ppm	Conforms
Zinc (Zn)	NMT 0.02 %	Conforms
Phosphate (PO ₄)	NMT 0.001 %	Conforms
Potassium (K)	NMT 0.01 %	Conforms
pH (5 %, 25 °C)	5.2 - 8.0	5.9
Heavy metals (As Pb)	NMT 5 ppm	Conforms
Water insoluble matter	NMT 0.01 %	Conforms
Loss on ignition (800°C)	NMT 0.5 %	0.4 %
Loss on drying (130°C)	NMT 0.5 %	0.1 %
Total Nitrogen (as N)	NMT 5 ppm	Conforms
Meets ACS Requirements	Conforms	Conforms

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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