

Certificate of Analysis

Product Name:

Sodium phosphate monobasic monohydrate, ACS **PurReagent, ≥99.0%**

Product No.: PSR41583
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 10049-21-5
Molecular Formula: $\text{H}_2\text{NaO}_4\text{P} \cdot \text{H}_2\text{O}$
Molecular Weight: 137.99 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Solid	White Solid
Assay (By GC)	≥99.0%	99.80 %
pH (5 %, 25 °C)	4.1 - 4.5	4.2
Water insoluble matter	NMT 0.01 %	< 0.01 %
Heavy metals (as Pb)	NMT 10 ppm	< 10 ppm
Calcium (Ca)	NMT 50 ppm	< 50 ppm
Iron (Fe)	NMT 10 ppm	< 10 ppm
Potassium (K)	NMT 100 ppm	< 100 ppm
Chloride (Cl)	NMT 5 ppm	< 5 ppm
Sulphate (SO ₄)	NMT 30 ppm	Conforms
Meets ACS Requirements	Complies	Complies

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 room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

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

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