

Product Specification

Product Name:

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

Product No.: PSR41583
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



Test	Specification
Appearance	White Solid
Assay (By GC)	≥99.0%
pH (5 %, 25 °C)	4.1 - 4.5
Water insoluble matter	NMT 0.01 %
Heavy metals (as Pb)	NMT 0.001 %
Calcium (Ca)	NMT 50 ppm
Iron (Fe)	NMT 10 ppm
Potassium (K)	NMT 100 ppm
Chloride (Cl)	NMT 5 ppm
Sulphate (SO_4)	NMT 30 ppm
Meets ACS Requirements	Complies

Specification: PR-1.0-QA/027

Version no.1.1,26.05.2026

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