

## Product Specification

Product Name:

**Sodium phosphate monobasic monohydrate *PurReagent* ≥98.0%**

Product No.: PSR39990  
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 Titr.)            | ≥ 98.0 %      |
| Turbidity (10% aq. soln)    | Clear         |
| pH (5 %, 25 °C)             | 4.1 - 4.5     |
| Iron (Fe)                   | NMT 10.0 ppm  |
| Chloride (Cl)               | NMT 5.0 ppm   |
| Sulphate (SO <sub>4</sub> ) | NMT 30.0 ppm  |

Specification No.: PR-1.0-QA/639, Ver. No. 1.1, 25.09.2022.

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)