

Certificate of Analysis

Sodium phosphate monobasic monohydrate

Product Number	PSR36224	CAS No.	10049-21-5
Brand	PureSynth	Lot No.	NALP05H
Molecular Formula	NaH ₂ PO ₄ · H ₂ O	Date of Mfg.	March,2021
Molecular Weight	137.99 g/mol	Date of Exp.	February,2024

Test	Specification	Result
Appearance	White Solid	White Solid
Assay	≥ 98.0 %	99.5 %
pH (5 %, 25 °C)	4.1-4.5	4.3
Water insoluble matter	< 0.01 %	Conforms
Heavy metals (as Pb)	< 0.001 %	Conforms
Calcium (Ca)	< 50 ppm	Conforms
Iron (Fe)	< 10 ppm	Conforms
Chloride (Cl)	< 5 ppm	Conforms
Sulphate (SO ₄)	< 30 ppm	Conforms

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Condition: Store at room temperature.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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