



Specification

Sodium Phosphate Monobasic Monohydrate ACS/USP/FCC

Catalog Number: SP1011
CAS Number: 10049-21-5
Molecular Formula: $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight: 137.99
Storage: 15°C – 30°C
Retest Date: Five years after date of manufacture.

Test	Specification
Appearance	White crystalline powder
Purity	98.0 – 103.0%
Identification Sodium Phosphate	To pass test To pass test
pH (5%)	4.2 – 4.5
Solubility	Freely soluble in H_2O , clear & colorless
Moisture (LOD)	10.0 – 15.0%
Insoluble Matter	$\leq 0.01\%$
Chloride	$\leq 0.0005\%$
Sulfate	$\leq 0.003\%$
Heavy Metals (As Pb)	$\leq 10\text{ppm}$
Arsenic	$\leq 3\text{ppm}$
Iron	$\leq 10\text{ppm}$
Aluminum, Calcium and Related Elements	To pass test
Calcium	$\leq 0.005\%$
Fluoride	$\leq 0.005\%$
Potassium	$\leq 0.01\%$
Residual Solvents: Water was the only solvent used during production.	

Approved by:

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