



Specification for Sodium Phosphate, Monobasic, Monohydrate, Crystal, Reagent, ACS (S1395)

Item Number	S1395
Item	Sodium Phosphate, Monobasic, Monohydrate, Crystal, Reagent, ACS
CAS Number	10049-21-5
Molecular Formula	$\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight	137.99
MDL Number	
Synonyms	Monosodium Phosphate ; Sodium Dihydrogen Phosphate ; Sodium Phosphate Monobasic ; Sodium Biphosphate ; Monobasic Sodium Phosphate

Test	Specification	
	Min	Max
ASSAY ($\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$)	98.0	102.0 %
pH OF A 5% SOLUTION @ 25.0°C	4.1	4.5
INSOLUBLE MATTER		0.01 %
CHLORIDE (Cl)		5 ppm
SULFATE		0.003 %
CALCIUM (Ca)		0.005 %
POTASSIUM (K)		0.01 %
HEAVY METALS BY ICP-OES		0.001 %
IRON (Fe)		0.001 %

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