

## PRODUCT SPECIFICATION

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**Catalog :** S1396

Sodium Phosphate Monobasic, Monohydrate, Granular, BiotechGrade

**CAS# :** 10049-21-5

**Formula :** NaH<sub>2</sub>PO<sub>4</sub>[H<sub>2</sub>O]

**Formula Weight :** 137.99

Test	Limit	
	Min.	Max.
APPEARANCE	WHITE GRANULES	
ODOR	ODORLESS	
ASSAY (NaH <sub>2</sub> PO <sub>4</sub> )	98.0-103.0 %	
WATER	10.0- 15.0 %	
pH OF A 5% SOLUTION	4.1 - 4.5	
SOLUBILITY (5g in 50ml)	CLEAR & COLORLESS	
ALUMINUM, CALCIUM AND RELATED ELEMENTS	TO PASS TEST	
ARSENIC (As)	--	0.0003 %
CHLORIDE (Cl)	--	0.014 %
FLUORIDE	--	0.005 %
HEAVY METALS (as Pb)	--	0.001 %
INSOLUBLE SUBSTANCES	--	0.2 %
SULFATE	--	0.15 %
ORGANIC VOLATILE IMPURITIES	TO PASS TEST	
ENDOTOXIN BY LAL	AS REPORTED	
IDENTIFICATION	TO PASS TEST	
EXPIRATION DATE		