



**Specification for Monobasic Sodium Phosphate, Anhydrous,
USP, bioCERTIFIED (TM) (S9377)**

Item Number	S9377
Item	Monobasic Sodium Phosphate, Anhydrous, USP, bioCERTIFIED (TM)
CAS Number	7558-80-7
Molecular Formula	NaH ₂ PO ₄
Molecular Weight	119.98
MDL Number	
Synonyms	Monosodium Phosphate ; Sodium Biphosphate ; Sodium Dihydrogen Phosphate ; Monobasic Sodium Phosphate

Test	Specification	
	Min	Max
ASSAY (NaH ₂ PO ₄ ; ANHYDROUS BASIS)	98.0	103.0%
pH OF A 5% SOLUTION	4.1	4.5
WATER DETERMINATION		2.0 %
INSOLUBLE SUBSTANCES		0.2 %
CHLORIDE (Cl)		0.014 %
SULFATE (SO ₄).		0.15 %
ALUMINUM, CALCIUM AND RELATED ELEMENTS	TO PASS TEST	
ARSENIC (As)		8 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT		1000 cfu/g
TOTAL COMBINED YEASTS AND MOLD COUNT		100 cfu/g
BACTERIAL ENDOTOXINS		10 EU/g
IDENTIFICATION	TO PASS TEST	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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