

Item Number	S9300
Item	Dibasic Sodium Phosphate, Anhydrous, USP, EP, bioCERTIFIED (TM)
CAS Number	7558-79-4
Molecular Formula	Na ₂ HPO ₄
Molecular Weight	141.96
MDL Number	
Synonyms	Disodium Phosphate ; Sodium Phosphate, Dibasic ; Disodium Hydrogen Phosphate ; Dibasic Sodium Phosphate

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS, USP)	98.0	100.5 %
ASSAY (DRIED BASIS, EP)	98.0	101.0 %
APPEARANCE OF SOLUTION (EP)	SOLUTION S IS CLEAR AND COLORLESS	
LOSS ON DRYING (USP)		5.0 %
LOSS ON DRYING (EP)		1.0 %
INSOLUBLE SUBSTANCES (USP)		0.4 %
MONOSODIUM PHOSPHATE (EP)		2.5 %
REDUCING SUBSTANCES (EP)	THE COLOUR OF THE PERMANGANATE IS NOT COMPLETELY DISCHARGE	
CHLORIDE (Cl) USP		0.06 %
CHLORIDE (Cl) (EP)		200 ppm
SULFATE (SO ₄) USP		0.2 %
SULFATE (SO ₄) (EP)		500 ppm
ARSENIC (As) (USP)		16 ppm
IRON (EP)		20 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
TAMC		1000 CFU/g
TYMC		100 CFU/g
ENDOTOXIN		10 IU/g
IDENTIFICATION A (USP- A)	POSITIVE FOR SODIUM	

Test	Specification	
	Min	Max
IDENTIFICATION B (USP- B)	POSITIVE FOR PHOSPHATE	
IDENTIFICATION C (EP A)	SLIGHTLY ALKALINE	
IDENTIFICATION D (EP B)		1.0 %
IDENTIFICATION E (EP C)	POSITIVE FOR PHOSPHATE	
IDENTIFICATION F (EP D)	POSITIVE FOR SODIUM	
CERTIFIED KOSHER		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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