



**Specification for Sodium Phosphate, Dibasic, Dihydrate, USP,  
EP, bioCERTIFIED (TM) (S9350)**

Item Number	S9350
Item	Sodium Phosphate, Dibasic, Dihydrate, USP, EP, bioCERTIFIED (TM)
CAS Number	10028-24-7
Molecular Formula	Na <sub>2</sub> HPO <sub>4</sub> •2H <sub>2</sub> O
Molecular Weight	177.99
MDL Number	
Synonyms	Disodium Hydrogen Phosphate ; Disodium Phosphate ; Disodium Hydrogen Orthophosphate

Test	Specification	
	Min	Max
ASSAY (Na <sub>2</sub> HPO <sub>4</sub> ); DRIED BASIS)	98.0	100.5 %
LOSS ON DRYING	19.5	21.0 %
MONOSODIUM PHOSPHATE		2.5 %
APPEARANCE OF SOLUTION	Clear and colorless	
REDUCING SUBSTANCES	TO PASS TEST	
CHLORIDE		400 ppm
SULFATE		0.1 %
IRON		40 ppm
ARSENIC		16 ppm
INSOLUBLE SUBSTANCES		0.4 %
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	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

*Spectrum Chemical Mfg Corp*

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