



Specification for Dibasic Sodium Phosphate, Dodecahydrate, USP (S2056)

Item Number	S2056
Item	Dibasic Sodium Phosphate, Dodecahydrate, USP
CAS Number	10039-32-4
Molecular Formula	$\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$
Molecular Weight	358.14
MDL Number	
Synonyms	Disodium Phosphate ; Disodium Hydrogen Phosphate

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A)	POSITIVE FOR SODIUM	
IDENTIFICATION (B)	POSITIVE FOR PHOSPHATE	
ASSAY (DRIED BASIS)	98.0	100.5 %
LOSS ON DRYING	55.0	64.0 %
INSOLUBLE SUBSTANCES		0.4 %
CHLORIDE (Cl)		0.06 %
SULFATE		0.2 %
ARSENIC (As)		16 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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