



Specification for Sodium Pyrophosphate, Decahydrate, Crystal, Reagent, ACS (S1420)

Item Number	S1420
Item	Sodium Pyrophosphate, Decahydrate, Crystal, Reagent, ACS
CAS Number	13472-36-1
Molecular Formula	$\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$
Molecular Weight	446.06
MDL Number	
Synonyms	Diphosphoric Acid Tetrasodium Salt ; Tetrasodium Diphosphate ; Tetrasodium Pyrophosphate

Test	Specification	
	Min	Max
ASSAY ($\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$)	99.0 - 103.0 %	
pH OF A 5% SOLUTION @ 25°C	9.5 - 10.5	
INSOLUBLE MATTER		0.01 %
CHLORIDE (Cl)		0.002 %
SULFATES (SO_4)		0.005 %
NITROGEN COMPOUNDS (as N)		0.001 %
HEAVY METALS (as Pb)		0.001 %
IRON (Fe)		0.001 %

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000