



Item: Sodium Hexametaphosphate - Granular, 50lb Plastic Bag / 42 Bags per Pallet
Ref: **Certificate of Analysis**
MFG Batch or Lot: **SAMPLE COA**

Certificate Date:
Expiration Date:
Shelf Life: 2 yrs

Synonyms:	SHMP; GLASSY SODIUM 12-17 med chain SODIUM POLYPHOSPHATE	Chemical Formula:	(NaPO3) _n n=12-17avg
Appearance:	White to Green, granular	CAS Number:	68915-31-1 Alt CAS
Country of Origin:	KAZAKHSTAN	Molecular Weight:	101.96n (Mixture)
		Packaging:	50 lb plastic bag

PRODUCT MAY CAKE OVER TIME

PHOSPHORUS PENTOXIDE (P2O5)	67%	Min	67.9%	67.3%
P=0.437 x P2O5%; PO4=1.34 X P2O5				
Fe	100 ppm	Max	72ppm	48.0 ppm
As	40 ppm	Max	4.1 ppm	0.1 ppm
F	5 ppm	Max	4 ppm	<4.0 ppm
Pb	1 ppm	Max	1ppm	<0.6 ppm
Cd	1 ppm	Max	1 ppm	<0.3 ppm
Hg	1 ppm	Max	1ppm	<0.1 ppm
INSOLUBLE IN H2O	0.15%	Max	0.05%	0.01%
pH (1.0% SOLUTION)	6.5 - 7.0		6.8	6.9
LOSS ON IGNITION 550 deg C	0.15%	Max	0.12%	0.06%
LOSS ON DRYING	0.15%	Max	--	0.07%
AVERAGE CHAIN LENGTH	12-17		15	15
Particle size 1 to 0.25 mm (18 to 60 mesh)				
Sieve analysis on 1.0 mm 18 mesh	50%	Max		45.0%
Sieve analysis thru 0.25 mm 60 mesh	25%	Max		16.0%
Bulk Density g/cc	1.0-1.4			

SODIUM POLYPHOSPHATE (CAS NO. 68915-31-1) IS A MIXTURE OF MANY POLYMERS, COMPOSED OF LINEAR CHAINS OF METAPHOSPHATE UNITS (NaPO3)_x, WITH (Na2PO4) TERMINATIONS. ALTERNATE CAS 10124-56-8 IS SPECIFICALLY FOR SODIUM HEXAMETAPHOSPHATE, Na6O18P6 (MOL WT 611.77).

Average Chain Length: 12-17 medium This product is certified to NSF/ANSI Standard 60

NOT FOR PESTICIDAL OR MEDICINAL USE