

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Sodium hexametaphosphate, reagent grade

ITEM NUMBER: S108858
BRAND: Aladdin
CAS NUMBER: 10124-56-8
MDL NUMBER: MFCD00136045
FORMULA: Na₆O₁₈P₆
MOLECULAR WEIGHT: 611.77

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder, Crystals or Granules		
Arsenic(As)	0 %	0.0002 %	0.0002 %
Assay(P ₂ O ₅)	65 %	70 %	70 %
Chloride(Cl)	0 %	0.002 %	0.002 %
Heavy metals(as Pb)	0 ppm	0.002 ppm	0.002 ppm
Infrared spectrum	Conforms to Structure		
Iron(Fe)	0 ppm	0.005 ppm	0.005 ppm
Insoluble matter in water	0 %	0.01 %	0.01 %
Phosphate(PO ₄)	Pass		
Potassium permanganate reducing substances	pass		
Sodium(Na)	20.5 %	24.5 %	24.5 %
Sulfate(SO ₄)	0 %	0.01 %	0.01 %