



CERTIFICATE OF ANALYSIS

Product	Sodium phosphate, monobasic, dihydrate
Grade	USP
Product Code	SB0879(ST1220)
Formula	$\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$
MW	156.01
CAS#	13472-35-0
Lot No	

Test Items	Specifications	Results
Appearance	Colorless to white crystals	
Clarity & Color	10% solution is clear & colorless	
Assay (by titration on anhydrous)	98.0-100.5%	
Arsenic (As)	$\leq 2\text{ppm}$	
Iron (Fe)	$\leq 10\text{ppm}$	
Chloride (Cl)	$\leq 140\text{ppm}$	
Sulfate	$\leq 300\text{ppm}$	
Heavy Metals (as Pb)	$\leq 10\text{ppm}$	
Insoluble matter	$\leq 0.2\%$	
Water Content (K.F.)	18.0-26.5%	
Loss on Drying	21.5-24.5% (130°C)	
Acidity	4.2-4.5	
Reducing substances	To pass test	

Storage: 18-25°C.