

CERTIFICATE OF ANALYSIS

Product Name	Sodium Ascorbyl Phosphate		
CAS Number	66170-10-3		
Synonyms	2-Phospho-L-ascorbic Acid Trisodium Salt		
Molecular Formula	C6H6O9Na3P	Molecular Weight	322.05
Batch Number	20241119	Manufacture Date	20241119
Report Date	20241119	Expiry Date	20261118

Item of Analysis	Specification	Results	Test Methods
Assay	99 %	99.5%	HPLC
VITAMIN C	45.0 %	47%	HPLC
Free ascorbic acid	0.5%	Conform	HPLC
pH (3% SOLUTION IN WATER)	8-10	9.2	USP
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	White powder	Conforms	Organoleptic
Solubility	Clear And Colorless	Conforms	CP2010
Physical Characteristics			
Free phosphone acid	1%	0.82%	USP
Chlonde	0.35%	0.3%	USP
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	3000cfu/g Max	Conform	USP<61>
Yeast & Mold	1000cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

