



Certificate of Analysis

Product Name	Sodium Ascorbyl Phosphate Powder		
INCI Name:	SODIUM ASCORBYL PHOSPHATE		
Synonyms	2-Phospho-L-ascorbic Acid Trisodium Salt		
CAS	66170-10-3		
MF	C ₆ H ₉ O ₉ P.3Na		
EINECS	425-180-1		
Batch Number	20260609	Manufacture Date	20260609
Report Date	20260609		

Items Tested	Specifications	Results	Test Method
Physical and Chemical Analysis			
Appearance	White Powder	Complies	Organoleptic examination
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
Solubility	Clear And Colorless	Conforms	CP2010
Physical Characteristics			
Loss on Drying	≤ 5.00%	3.64%	USP <731> / Ph.Eur. 2.2.32
Total ash	≤ 5.00%	2.84%	USP<561>
Free phosphone acid	1%	0.82%	USP
Chlonde	0.35%	0.3%	USP
Heavy Metals (ICP-MS)			
Lead (Pb)	≤ 10 ppm	<0.5 ppm	ICP-MS
Arsenic (As)	≤ 2 ppm	<0.1 ppm	ICP-MS
Cadmium (Cd)	≤ 1 ppm	<0.1 ppm	ICP-MS
Mercury (Hg)	≤ 1 ppm	<0.05 ppm	ICP-MS
Microbial Limits			
Total Aerobic Microbial Count	≤ 1000 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
Total Yeast and Mold Count	≤ 100 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
E. coli	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13
Salmonella spp.	Absent in 10g	Absent	USP <62> / Ph. Eur. 2.6.13
Pseudomonas aeruginosa	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13

Quality Statement: This product is manufactured under a quality system compliant with cGMP principles for both food and cosmetic applications. Specifications and test methods are established with reference to the relevant ISO Standards, Chinese National Standards (GB), United States Pharmacopeia (USP), and European Pharmacopoeia (Ph. Eur.).

For cosmetic use, the batch fully complies with the requirements of EU Cosmetic Regulation (EC) No 1223/2009, China's Safety Technical Standards for Cosmetics (2015 Edition), and U.S. FDA cosmetic GMP guidelines. For food use, the batch meets the applicable requirements of China's national food safety standards (including GB 2762, GB 2763, GB 7101) and the U.S. FDA Food Safety Modernization Act (FSMA) and applicable food additive regulations.

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

Shelf Life: 24 months if stored under the above conditions and remains in original packaging.

