

CERTIFICATE OF ANALYSIS

Product Name	Ascorbyl Glucoside	Specification	Company Standard
Cas No.	129499-78-1	Manufacture Date	2024.10.3
Quantity	120KG	Analysis Date	2024.10.9
Batch No.	ES-241003	Expiry Date	2026.10.2
Items	Specifications	Results	
Appearance	White Crystalline Powder	Conforms	
Assay	≥98.0%	98.9%	
Odor & Taste	Characteristic	Conforms	
Melting Point	158°-163°	160.2°	
Clarity of water solution	Transparency,colorless,none suspended matters	Conforms	
Specific Rotation	+186°- +188°	+186.9°	
Free ascorbic acid	≤0.1%	0.07%	
Free Glucose	≤0.1%	0.05%	
Loss on drying	≤0.5%	0.18%	
Residue on Ignition	≤0.1%	0.01%	
Heavy Metals	≤10.0ppm	Conforms	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
E.coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

