

**CERTIFICATE OF ANALYSIS**

Product Name	3-O-Ethyl-L-Ascorbic Acid	Specification	Company Standard
Cas No.	86404-04-8	Manufacture Date	2024.6.3
Quantity	500KG	Analysis Date	2024.6.9
Batch No.	ES-240603	Expiry Date	2026.6.2
Items	Specifications	Results	
Appearance	White Crystalline Powder	Conforms	
Assay	≥99%	99.2%	
Melting Point	112.0 to 116.0 ° C	Conforms	
Boiling Point	551.5 ± 50.0 ° C	Conforms	
Density	1.46g/cm <sup>3</sup>	Conforms	
Loss on drying	≤5%	3.67%	
Ash Content	≤5%	2.18%	
Particle Size	95% pass 80 mesh	Conforms	
Heavy Metals	≤10.0ppm	Conforms	
Pb	≤1.0 ppm	Conforms	
As	≤1.0 ppm	Conforms	
Cd	≤1.0 ppm	Conforms	
Hg	≤0.1 ppm	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

