

**CERTIFICATE OF ANALYSIS**

Product Name	Mandelic Acid	Specification	Company Standard
Specification	99%	Manufacture Date	2024.6.7
Quantity	500KG	Analysis Date	2024.6.13
Batch No.	ES-240607	Expiry Date	2026.6.6
Items	Specifications	Results	
Appearance	White Powder	Conforms	
Assay	≥99.0%	99.8%	
Odor & Taste	Characteristic	Conforms	
Melting Point	118°C-122°C	120°C	
Solubility	150g/L(20°C)	Conforms	
Loss on drying	≤0.10%	0.01%	
Residue on ignition	≤0.20%	0.09%	
Single impurity	≤0.10%	0.03%	
Total 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

