

**CERTIFICATE OF ANALYSIS**

Name of Product	Nicotinic Acid	Batch No.	ES-240513
Manufacture Date	2024-5-13	Certificate Date	2024-5-19
Expiry Date	2026-5-12	Batch Quantity	500kg
Cas No.	59-67-6	Country of Origin	China
<b>Test Item</b>	<b>Specification</b>	<b>Test Result</b>	<b>Test Methods</b>
Appearance	White powder	Conforms	GJ-QCS-1008
Odor & Taste	Characteristic	Conforms	GB/T 5492-2008
Assay	99.5% - 101.0%	99.6%	TLC
Particle Size(80 mesh)	>95.0%	Conforms	GB/T 5507-2008
Moisture	<5.0%	2.14%	GB/T 14769-1993
Ash content	<5.0%	3.11%	AOAC 942.05,18th
Melting Point	234.0°C-238.0°C	236.3°C	USP<197k>
Chloride(as Cl)	≤0.02%	<0.02%	USP<781S>
Heavy Metal	<10.0 ppm	Complies	USP<231>,method II
Pb	<2.0 ppm	Complies	AOAC 986.15,18th
As	<2.0 ppm	Complies	AOAC 971.21,18th
Cd	<2.0 ppm	Complies	/
Hg	<2.0 ppm	Complies	AOAC 990.12,18th
Total Plate Count	≤10000cfu/g	Conforms	AOAC 986.15,18th
Total Yeast&Mold	≤1000cfu/g	Conforms	FDA(BAM)Chapter 18, 8th Ed.
E.Coli	Negative	Negative	AOAC 997.11 ,18th
Salmonella	Negative	Negative	FDA(BAM)Chapter 5, 8th Ed
Shelf Life	Two years if sealed and store away from direct sun light.		
Conclusion	The product meets the testing requirements by inspection		

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