

Shughengheng Jiangsu Chemical Company

CERTIFICATE OF ANALYSIS

Product Name	Vitamin B3 (Niacinamide)
Batch Size	9000 Kg
CAS#	98-92-0
Lot Number	TDXY6559
Manufacture Date	2023-06-16
Expiry Date	2026-06-15
Sample Date	2023-06-16
Analysis Date	2023-06-16

Analytical Tests	Specification	Results
Appearance	White or Off White colour Powder	CONFORMS
Particle size	100% through 20 mesh	99.63%
Assay	99.0 - 101%	99.55%
Melting point	128.0 - 131.0°C	128 - 130°C
Heavy metals	Max. 20 PPM	<5 PPM
Arsenic	Max. 3 PPM	CONFORMS
Cadmium	Max. 1 PPM	CONFORMS
Lead	Max. 2 PPM	CONFORMS
Mercury	Max. 0.1 PPM	CONFORMS
Loss on Drying	Max. 0.50%	0.18%
Residue on Ignition	Max. 0.10%	0.058%
Microbiology:		
Total Plate Count	Max. 1000 CFU/Gram	CONFORMS
Yeast & Mold	Max 100 CFU/Gram	<10 CFU/gram
Coliforms	Negative	CONFORMS
E.Coli	Negative	CONFORMS
Staph. Aureaus	Negative	CONFORMS
Salmonella	Negative	CONFORMS

Conclusion: Passed test according to the standards

QA manager: TianYong Checker: ChenBingzhu Examiner: ZhangXinxin