

中和方源（天津）生物技术有限公司
Zhonghe Fountain(Tianjin)Biotech Ltd.

CERTIFICATE OF ANALYSIS

Product Name	Nicotinamide	Batch Number	20220815
Batch Size	2,000KGS	Grade	USP
Manufacturing Date	Aug.15,2022	Expiry Date	Aug.14,2024
TEST ITEMS	STANDARD	RESULT	
Appearance	White or almost white crystalline	Conforms	
Identifications	A:UV 0.63~0.67	0.64	
	B.IR,Conforms to standard spectrum	Conforms	
Particle size	95% through 80 mesh	Conforms	
Melting Point	128°C~131°C	130°C~131.1°C	
Loss on drying	≤0.5%	0.03%	
Ash	≤0.1%	0.04%	
Heavy metals	≤20 ppm	<20 ppm	
Lead(Pb)	≤0.5ppm	<0.5 ppm	
Arsenic(As)	≤0.5 ppm	<0.5 ppm	
Mercury(Hg)	≤0.5 ppm	<0.5 ppm	
Cadmium(Cd)	≤0.5 ppm	<0.5 ppm	
Total Plate Count	≤1,000 cfu/g	Conforms	
Yeasts&Molds	≤100 cfu/g	Conforms	
E.Coli	≤3.0 mpn/g	Negative	
Salmonella	Negative	Negative	
Conclusion:	This batch product conform to USP grade.		
Analyzer	Chen Yan	Re-Checker	Wang Chunyue