

## CERTIFICATE OF ANALYSIS

Product		Beta-Nicotinamide Mononucleotide		
Batch No.		210515	Packing	1kg/piece
Quantity		121.5kg	Product Date	May.15, 2021
Specification		In-house	Expiry Date	May.14, 2023
Items & Results				
Item		Spec.		Result
Appearance		White or yellowish crystalline powder		Conforms
Assay( w/w by HPLC)		≥99%		99.8%
Purity( area%, HPLC)		≥99%		99.8%
Water		≤2%		0.12%
Pb		≤0.5ppm		0.004ppm
As		≤0.5ppm		0.003ppm
Hg		≤0.1ppm		N.D
Cd		≤0.5ppm		N.D
Bulk Density		≥0.4g/ml		0.45g/ml
Microbiological Test				
Total microbial count (GB4783.2)		≤750cfu/g		N.D
Coliforms (BGLB method)		Negative		Conforms
Yeasts & Molds(PDA method)		< 100cfu/g		Conforms
Ethanol(By GC)		≤5000ppm		31ppm
Partical Size		95% pass through 40 mesh screens		Conforms
Conclusion		Complies with the In-house SP.		
Storage		Protected from light, storing at -20±5℃.		
Analyst	马亮	Review	刘爱琴	Supervisor of QC
				李敏