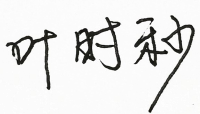






CERTIFICATE OF ANALYSIS (COA)

Product name	β -Nicotinamide Mononucleotide	Batch No.	SP-20221207
CAS No.	1094-61-7	Specification	In-house
Quantity	1500.29kg	Mfg. Date	2022.12.07
Date of Analysis	2022.12.09	Expiry Date	2025.12.06

Test Items	Specification	Test Results
Appearance	White to off-white crystalline powder	Conforms
Loss on drying	$\leq 5.0\%$	0.16%
Purity (HPLC)	$\geq 98\%$	99.18%
Ethanol (GC)	$\leq 2.0\%$	0.01%
Heavy Metal	$\leq 10\text{ppm}$	Conforms
Arsenic	$\leq 1\text{ppm}$	Conforms
Lead	$\leq 1\text{ppm}$	Conforms
Cadmium	$\leq 1\text{ppm}$	Conforms
Total aerobic microbial count	$\leq 750\text{CFU/g}$	Conforms
E. Coli	$\leq 2\text{MPN/g}$	Conforms
Conclusion	The test product complies with the requirements of specification.	

Analyst: 	Checker: 	Q. C. Director: 
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