

## CERTIFICATE OF ANALYSIS

Product Name	$\beta$ -Nicotinamide Mononucleotide	CAS No.	1094-61-7
Batch No.	20200101	Mfg. Date	2020/01/11
Report Date	2020/01/21	Exp. Date	2022/01/10
Quality Standard	Enterprise Standard		
TEST	SPECIFICATIONS		RESULTS
Appearance	White to yellowish powder		White powder
Water content	$\leq 5.0\%$		0.4%
Sodium content	$\leq 1.0\%$		0.15%
Residual solvent	Ethanol $\leq 2.0\%$		0.05%
Heavy metal	Pb $\leq 0.5\text{ppm}$		0.063ppm
	Hg $\leq 0.5\text{ppm}$		ND
	Cd $\leq 0.5\text{ppm}$		ND
	As $\leq 0.5\text{ppm}$		0.195ppm
Total microbial count	$< 10000\text{cfu/g}$		$< 1000\text{cfu/g}$
E.Coli	Negative/10g		Conforms
purity (HPLC)	$\geq 98.0\%$		99.40%
Conclusion	The results conform to the Enterprise standard		
Analyst	Lee	Verifier	Andrew