



HANGZHOU SARTORT BIOPHARMA CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: β-Nicotinamide Mononucleotide		
Molecular Formula: C ₁₁ H ₁₅ N ₂ O ₈ P	CAS No.:1094-61-7	
Molecular Weight: 334.22	Quantity: 50kgs	
Batch No.: ST-20200220	Manufacturing date: 2020.02.20	
Item	Specification	Results
Appearance	White to off-white powder	White powder
Identification	By HPLC: The retention time of main peak of test product is consistent with that of control product.	Conform
Purity(HPLC)	$\geq 98\%$	99.3%
Water content(KF)	$\leq 5\%$	0.26%
Heavy metal	Pb ≤ 0.5 ppm	N.D
	Hg ≤ 0.5 ppm	N.D
	Cd ≤ 0.5 ppm	N.D
Residual solvent	EtOH $\leq 2.0\%$	0.029%
Sodium content	$\leq 1.0\%$	0.00023%
Total Microbial count	≤ 750 CFU/g	N.D
Coliform	≤ 3 MPN/g	N.D
Storage	Sealed and stored at 2-8°C	
Conclusion	The batch is in compliance with Enterprise Standard.	

QC:

May Liu



QA:

Cathy Shen