



Certificate of Analysis

Product Name	β-NADH	Molecular Formula	C ₂₁ H ₂₇ N ₇ Na ₂ O ₁₄ P ₂
Cas No.	606-68-8	Quantity	20kg
Manufacture Date	2020.10.22	Batch No.	SW20201022
Report Date	2020.10.23	Retest Date	2022.10.21

Testing Items	Specifications	Results
Appearance	White to yellowish powder	Conforms
Identification	Conform with NMR	Conforms
Solubility	Soluble in water	Conforms
Na Content	6.5±1%	6.10%
Water	≤8.0%	2.48%
pH value in water (100mg/ml)	7.0-10.0	8.4
Purity (HPLC)	≥95.0%	97.7%
Assay of β-NADH (enzyme) (on sodium-free and dry basis)	≥90.0%	93.7%
Assay of β-NADH, Na ₂ (enzyme) (on dry basis)	≥90.0%	93.6%
Heavy metal		
Lead(Pb)	≤0.5ppm	0.02ppm
Arsenic(As)	≤0.5ppm	0.01ppm
Microbial		
Total microbial count	≤750CFU/g	N.D
Coliform	<30MPN/g	N.D

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst