



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: β -Nicotinamide Mononucleotide

CAS No.: 1094-61-7

Molecular Formula: $C_{11}H_{15}N_2O_8P$

Molecular Weight: 334.2

Manufacturing Date: Aug 3rd, 2023

Batch No.: HDC20230803

Packing: 30Kg/Carton

Retest Date: Aug 2nd, 2025

Report Date: Aug 4th, 2023

Specification: In-house

Test Item	Specification	Test Result	Test Method
Appearance	White to off-white powder	Conforms	Visual
Purity	Not less than 99.5%	99.9%	HPLC
Sodium Content	Not more than 0.05%	0.001%	IC
Water	Not more than 0.5%	0.43%	K. F
pH Value	3.0 ~ 4.0	3.4	pH meter
Ethanol	Not more than 500 ppm	Conforms	GC
Lead(Pb)	Not more than 0.1 ppm	Conforms	GB5009
Mercury(Hg)	Not more than 0.1 ppm	Conforms	GB5009
Cadmium(Cd)	Not more than 0.2 ppm	Conforms	GB5009
Arsenic(As)	Not more than 0.1 ppm	Conforms	GB5009
Total microbial count	Not more than 500 CFU/g	< 10 CFU/g	GB4789
Coliform group	Not more than 0.92 MPN/g	Conforms	GB4789
Moulds & yeasts	Not more than 50 CFU/g	< 10 CFU/g	GB4789
Staphylococcus aureus	Negative/25g	Not detected	GB4789
Salmonella	Negative/25g	Not detected	GB4789
Bulk Density	/	0.60 g/ml	CP2020

Conclusion: The testing results of this batch are complied with the Enterprise Standard.

Storage: Sealed and kept dry and away from light at room temperature; long-term storage at -25°C to -15°C.