

## CERTIFICATE OF ANALYSIS 产品检测报告

## Product information 产品信息

Product Name (品名):  $\beta$ -nicotinamide mononucleotide, reduced form, disodium salt  
( $\beta$ -NMNH, disodium salt)  $\beta$ -烟酰胺单核苷酸, 还原型, 钠盐

Batch No. (批号): BT22N124F008

Production Date (生产日期): May, 17th, 2024

CAS No.: 108347-85-9

Expiry Date (有效日期): May, 16th, 2026

Product Level (产品级别): Grade II

## Test Items and result 检测项目及结果

Test items (检测项目)	Specification (质量标准)	Test method (检测方法)	Results (检测结果)
Appearance 外观	White to yellowish powder	Visual inspection	Conform
Purity 纯度	$\geq 98\%$	HPLC	99.1%
Assay 含量 (酶活, 以无水物计)	$\geq 85\%$	HPLC	91.7%
Sodium contents 钠离子含量	6~12.5%	IC	11.44%
Water contents 水分含量	$\leq 8\%$	LOD	5.49%
Pb 铅	$\leq 0.1\text{ppm}$	GB 5009.12	Conform
As 砷	$\leq 0.1\text{ppm}$	GB 5009.11	Conform
Hg 汞	$\leq 0.1\text{ppm}$	GB 5009.17	Conform
Cd 镉	$\leq 0.1\text{ppm}$	GB 5009.15	Conform
Total microbial count 菌落总数	$\leq 750\text{CFU/g}$	GB 4789.2	70 CFU/g
Coliform 大肠菌群	$< 3\text{MPN/g}$	GB 4789.3	$< 3\text{MPN/g}$
Mold and yeast 霉菌和酵母菌	$\leq 50\text{CFU/g}$	GB 4789.15	3 CFU/g
Staphylococcus Aureus 金黄色葡萄球菌	N.D	GB 4789.10	N.D
Salmonella 沙门氏菌	N.D	GB 4789.4	N.D
Conclusion 结论	Conformable to all requested specifications (符合所有质量要求)		

## Packaging and storage conditions 包装及储存条件

## Packaging 包装:

 Aluminum foil bag (铝箔袋)  Food grade PE bag (食品级聚乙烯)  Carton box (纸板箱)  Drum (纸板桶)

## Transport conditions 运输条件:

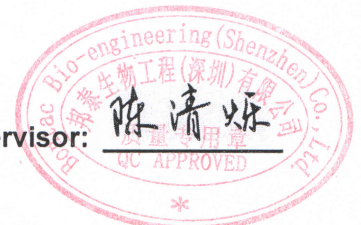
Keep sealed, dry and protected from light for transportation under room temperature  
(在室温下保持密封干燥和避光运输)

## Storage conditions 储存条件:

Keep dry and away from light, long term storage at  $-25^{\circ}\text{C}$  to  $-15^{\circ}\text{C}$   
(阴凉处密封避光干燥保存, 长期保存应置于 $-25^{\circ}\text{C}$  to  $-15^{\circ}\text{C}$ )

Shelf life 保质期: Two years (两年)

Supervisor: 陈清烁

\*\*Powered by BONTAC  
enzyme catalytic technology

bsi.



受控文件

表单编号: HQA-F-SOP29-01-V2