



邦泰生物工程(深圳)有限公司

BONTAC BIO-ENGINEERING(SHENZHEN)CO.,LTD

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CERTIFICATE OF ANALYSIS 产品检测报告

Product information 产品信息

Product Name (品名): β -nicotinamide mononucleotide β -烟酰胺单核苷酸

Batch No. (批号): BT05H125C020

Production Date (生产日期): Mar, 6th, 2025

CAS No.: 1094-61-7

Expiry Date (有效日期): Mar, 5th, 2027

Density: 高密度

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 powder, no visible impurities	Visual inspection	Conform
Smell 气味	Unique smell, no peculiar smell	Smell	Conform
Purity 纯度	$\geq 99.5\%$	HPLC	99.9%
Assay (dry basis) 含量	98.0~102.0%	Titrimetric	100.4%
Sodium contents 钠离子含量	$\leq 0.05\%$	IC	$< 0.0016\%$
Potassium contents 钾离子含量	$\leq 0.05\%$	IC	$< 0.0032\%$
Water contents 水分含量	$\leq 0.5\%$	KF	0.083%
pH (100mg/ml water)	3.0~4.0	PH(C=100mg/mL)	3.38
Bulk Density 堆积密度	/	GB/T 1479.1	0.6099~0.6113 g/mL
Pb 铅	$\leq 0.1\text{ppm}$	GB 5009.12	N.D
As 砷	$\leq 0.1\text{ppm}$	GB 5009.11	N.D
Hg 汞	$\leq 0.1\text{ppm}$	GB 5009.17	N.D
Cd 镉	$\leq 0.1\text{ppm}$	GB 5009.15	N.D
Total microbial count 菌落总数	$\leq 500\text{ CFU/g}$	GB 4789.2	3 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	$\leq 25\text{ CFU/g}$	GB 4789.15	7 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
Diarrheacausing Escherichia coli 致泻大肠埃希氏菌	N.D	GB 4789.6	N.D
Aflatoxins 黄曲霉毒素	$< 0.5\mu\text{g/kg}$	GB 5009.22	N.D
Methanol 甲醇	$\leq 10\text{ppm}$	GC	Conform
Ethanol 乙醇	$< 0.5\%$	GC	0.0036%
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°C to -15°C (阴凉处密封避光干燥保存, 长期保存应置于 -25°C to -15°C)

Shelf life 保质期: Two years (两年)

Supervisor: 陈清烁

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Enzyme Catalytic Technology

表单编号: HQA-F-SOP05-01-V5