

CERTIFICATE OF ANALYSIS 产品检测报告

Product information 产品信息

Product Name (品名): β -nicotinamide adenine dinucleotide (Coenzyme-I, β -NAD⁺) 烟酰胺腺嘌呤二核苷酸(氧化型)

Batch No. (批号): BT01N124K062

Production Date (生产日期): Sep, 25th, 2024

CAS No.: 53-84-9

Expiry Date (有效日期): Sep, 24th, 2026

Product Level (产品级别): Grade I

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	Visual inspection	Conform
Purity 纯度	≥99%	HPLC	99.3%
Assay(dry basis) 含量	≥97%	UV	99.4%
Sodium contents 钠离子含量	≤1%	IC	< 0.0045%
Water contents 水分含量	≤5%	KF	1.98%
pH (100mg/ml water)	2.0-4.0	pH(C=100mg/mL)	2.21
Pb 铅	≤0.1ppm	GB 5009.12	N.D
As 砷	≤0.1ppm	GB 5009.11	N.D
Hg 汞	≤0.1ppm	GB 5009.17	N.D
Cd 镉	≤0.1ppm	GB 5009.15	N.D
Total microbial count 菌落总数	≤750 CFU/g	GB 4789.2	30 CFU/g
Coliform 大肠菌群	<3MPN /g	GB 4789.3	< 3 MPN/g
Mold and yeast 霉菌和酵母菌	≤50CFU/g	GB 4789.15	< 10 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
Methanol 甲醇	≤0.05%	GC	N.D
Ethanol 乙醇	≤1%	GC	0.028%
Plasticizer 塑化剂*	conform	GB 5009.271	N.D
Conclusion 结论	Conformable to all requested specifications (符合所有质量要求)		
*备注: 塑化剂定量限: DINP9.0mg/kg, DBP0.3mg/kg, 其他 16 种目标化合物 0.5mg/kg			

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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受控文件



表单编号: HQA-F-SOP01-01-V2