

CERTIFICATE OF ANALYSIS 产品检测报告

Product information 产品信息

Product Name (品名): β -nicotinamide adenine dinucleotide, reduced form, (Reduced Coenzyme-I) disodium salt
(β -NADH, disodium salt) β -烟酰胺腺嘌呤二核苷酸, 还原型, (还原型辅酶-I) 二钠盐

Batch No. (批号): BT02D224G019

Production Date (生产日期): Jul, 8th 2024

CAS No.: 606-68-8

Expiry Date (有效日期): Jul, 7th, 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	$\geq 95\%$	HPLC	99.1%
Assay of β -NADH (enzym.) 含量(无水无钠) (calc. on sodium-free and dry basis)	$\geq 90\%$	UV	98.4%
Assay of β -NADH, Na ₂ (enzym.) 含量(无水) (calc. on dry basis)	$\geq 90\%$	UV	98.2%
Sodium contents 钠离子含量	5.5-7.5%	IC	6.17%
Water contents 水分含量	$\leq 5\%$	LOD	3.13%
pH (100mg/mL water)	7.0-10.0	pH(C=100mg/mL)	9.42
Pb 铅	≤ 0.1 ppm	GB 5009.12	N.D
As 砷	≤ 0.1 ppm	GB 5009.11	N.D
Hg 汞	≤ 0.1 ppm	GB 5009.17	N.D
Cd 镉	≤ 0.1 ppm	GB 5009.15	N.D
Total microbial count 菌落总数	≤ 750 CFU/g	GB 4789.2	17 CFU/g
Coliform 大肠菌群	< 3 MPN /g	GB 4789.3	< 3 MPN /g
Mold and yeast 霉菌和酵母菌	≤ 50 CFU/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
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: 陈清焯

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受控文件

表单编号: HQA-F-SOP02-02-V2