

## CERTIFICATE OF ANALYSIS 产品检测报告

## Product information 产品信息

Product Name (品名):  $\beta$ -nicotinamide adenine dinucleotide phosphate, reduced form, (Reduced Coenzyme-II) tetrasodium salt ( $\beta$ -NADPH, tetrasodium salt) 烟酰胺腺嘌呤二核苷酸磷酸(还原型)

Batch No. (批号): BT04T124G002

Production Date (生产日期): Jun, 24th, 2024

CAS No: 2646-71-1

Expiry Date (有效日期): Jun, 23rd, 2026

## 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	98.5%
Assay of $\beta$ -NADPH (enzym.) 含量 (无水无钠) (calc. on sodium-free and dry basis)	$\geq 90\%$	UV	95.4%
Sodium contents 钠离子含量	8.0%~11.5%	IC	10.22%
Water contents 水分含量	$\leq 8\%$	LOD	3.95%
pH (100mg/mL water)	8.0-11.0	pH(C=100mg/mL)	9.32
Triethylamine 三乙胺	$\leq 0.5\%$	GC	0.023%
Ethanol 乙醇	$\leq 1\%$	GC	0.026%
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:

Stored deep frozen (below  $-20^{\circ}\text{C}$ ) in tightly closed containers, protected from humidity(阴凉处密封避光干燥保存, 长期保存应置于 $-20^{\circ}\text{C}$ 以下)

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-SOP04-01-V3