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CERTIFICATE OF ANALYSIS

NMN | Batch PHY20261006

Product Name	Nicotinamide Mononucleotide (NMN)	**Document No.**	PHY-COA-NMN-PHY20261006
CAS Number	1094-61-7	**Version**	1.3
Physical Form	White Powder	**Issue Date**	06 Oct 2026
Country of Origin	China	**Batch No.**	PHY20261006
Date of Manufacture	06 Oct 2026	**Expiry Date**	05 Oct 2028
Certificate Date	06 Oct 2026	**Document Status**	Issued

ANALYTICAL RESULTS

TEST ITEM	SPECIFICATION	RESULT	TEST METHOD
Appearance	White Powder	Conforms	Visual
Assay (HPLC)	≥ 99.0%	99.23%	HPLC
Mesh Size (Particle Size)	100% pass 80 mesh	Conforms	CP2010
Identification	Positive	**Conforms**	TLC
Ash Content	≤ 5.0%	2.41%	CP2010
Loss on Drying	≤ 5.0%	3.49%	CP2010
Heavy Metals	≤ 10 ppm	Conforms	CP2010
Lead (Pb)	≤ 3 ppm	**Conforms**	GB/T 5009.12-2003
Arsenic (As)	≤ 1 ppm	Conforms	GB/T 5009.11-2003
Mercury (Hg)	≤ 0.1 ppm	**Conforms**	GB/T 5009.15-2003
Cadmium (Cd)	≤ 1 ppm	Conforms	GB/T 5009.17-2003
Residual Solvents	Meet Eur.Ph. 7.0 <5.4>	**Conforms**	Eur.Ph. 7.0 <2.4.24>
Pesticides Residue	Meet USP Requirements	Conforms	USP34 <561>
Total Plate Count	≤ 1000 CFU/g	**Conforms**	AOAC 990.12, 16th
Yeasts & Molds	≤ 100 CFU/g	Conforms	AOAC 996.08, 991.14
E. coli	Negative	**Not detected**	AOAC 2001.05
Salmonella	Negative	Not detected	AOAC 990.12
GMO Free	Complies	**Conforms**	
Non-Irradiation	Complies	Conforms	

Conclusion The results listed above conform to the stated specifications.

Storage and shelf life Keep in cool & dry place. Keep away from strong light and heat.

Quality statement The results apply only to the batch identified above. This certificate was reviewed and issued by PHYTVA Quality Assurance based on the manufacturer's batch quality-control records. Customers are responsible for confirming suitability for their intended formulation and applicable market requirements.

REVIEWED AND RELEASED BY	APPROVAL DATE	APPROVAL STATUS
PHYTVA Quality Assurance	**06 Oct 2026**	**Approved**

This certificate is electronically issued and is valid without a handwritten signature.

Source batch record personnel: Tao Wang, Quality Assurance Officer; Pei Chen, Analyst.