Xi'an Phytva Biotech Co., Ltd.
https://www.phytva.com/
sales@phytva.com
WhatsApp: +86 155 2955 8870

CERTIFICATE OF ANALYSIS

Ceramide NP | Batch PHY20260617

Product Name	Ceramide NP	**Document No.**	PHY-COA-CERAMIDENP-PHY20260617
CAS Number	178436-06-1	**Version**	1.3
INCI Name	Ceramide NP	**Issue Date**	06 Oct 2026
Physical Form	Powder	**Batch No.**	PHY20260617
Date of Manufacture	17 Jun 2026	**Test Date**	18 Jun 2026
Retest Date	16 Jun 2028	**Document Status**	Issued

ANALYTICAL RESULTS

TEST ITEM	SPECIFICATION	RESULT	TEST METHOD
Appearance	White to off-white powder	Off-white powder	Visual
Odor	Slight characteristic odor	**Conforms**	Supplier QC
Identification	Retention time of the main peak corresponds to the reference standard (HPLC)	**Conforms**	HPLC
Assay (HPLC)	≥ 95.0%	96.30%	HPLC
Purity (by HPLC, % area)	≥ 95.0%	99.45%	HPLC
Residue on Ignition	≤ 0.5%	0.05%	Supplier QC
Loss on Drying	≤ 2.0%	0.10%	Supplier QC
Heavy Metals (as Pb)	≤ 10 mg/kg	**Conforms**	Supplier QC
Total Aerobic Bacteria	≤ 500 CFU/g	**Conforms**	Supplier QC
Yeasts & Molds	≤ 100 CFU/g	**Conforms**	Supplier QC
Escherichia coli	Not detectable	**Not detected**	Supplier QC

Conclusion The results listed above conform to the stated specifications.

Storage and shelf life Keep the original container tightly closed. For this unopened batch, the retest date is 16 Jun 2028 when stored under the manufacturer's recommended conditions.

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.