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

CERTIFICATE OF ANALYSIS

PDRN | Batch PHY260620

Product Name	PDRN (Polydeoxyribonucleotide)	**Document No.**	PHY-COA-PDRN-PHY260620
CAS Number	100403-24-5 / 9007-49-2	**Version**	1.3
Source	Male Salmon	**Issue Date**	06 Oct 2026
Grade	Cosmetic Grade	**Batch No.**	PHY260620
Date of Manufacture	20 Jun 2026	**Test Date**	25 Jun 2026
Retest Date	19 Jun 2028	**Document Status**	Issued

ANALYTICAL RESULTS

TEST ITEM	SPECIFICATION	RESULT	TEST METHOD
Appearance	White to pale yellow powder	**Conforms**	Visual
Identification	Ratio of UV absorbance at 260 nm / 280 nm: 1.5 – 2.0	1.80	UV
Solubility	Soluble in water	**Conforms**	Supplier QC
pH (1% Water Solution)	5.0 – 9.0	7.22	Supplier QC
Loss on Drying	≤ 15.0%	5.3%	Supplier QC
Average Molecular Weight	≤ 650 KDa / 1050 bp	< 650 KDa / 1050 bp	Supplier QC
Assay (HPLC, wt%)	≥ 95.0%	99.3%	HPLC
Arsenic (As)	≤ 2 ppm	**Conforms**	Supplier QC
Lead (Pb)	≤ 10 ppm	**Conforms**	Supplier QC
Cadmium (Cd)	≤ 5 ppm	**Conforms**	Supplier QC
Mercury (Hg)	≤ 1 ppm	**Conforms**	Supplier QC
Total Plate Count	≤ 1000 CFU/g	**Conforms**	Supplier QC
Yeasts & Molds	≤ 100 CFU/g	**Conforms**	Supplier QC
Escherichia coli	Negative	**Not detected**	Supplier QC
Staphylococcus aureus	Negative	**Not detected**	Supplier QC
Pseudomonas aeruginosa	Negative	**Not detected**	Supplier QC

Conclusion The results listed above conform to the stated specifications.

Storage and shelf life Store at -20°C. For this unopened batch, the retest date is 19 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: Shu Yong, Quality Manager; Zhang Qin, Inspection Manager; Yang Hua, Inspector.