

Certificate of Analysis

Product Name: Ceramide NP

CAS No.: 100403-19-8

Lot Number: BPCCNP92026

Origin: USA

Expiry Date: September 2029

Item	Specification	Result
Appearance	White to off-white powder	Off-white powder
Melting Point	98–108°C	103.1–104.1°C
Identification	HPLC Conforms	Conforms
Loss on Drying	NMT 2.0%	0.7%
Heavy Metals	NMT 20 ppm	Conforms
Residue on Ignition	NMT 0.5%	0.03%
Total Aerobic Bacteria	NMT 3,000 CFU/g	≤10 CFU/g
Yeast & Mold	NMT 300 CFU/g	≤10 CFU/g
Residual Solvents – Menthol	NMT 3,000 ppm	ND
Residual Solvents – Ethyl Oleate	NMT 2,000 ppm	ND
Purity – A	NLT 85.0%	89.6%
Purity – A+B+C+D	NLT 95.0%	96.4%
Assay (HPLC-UV) – A	NLT 85.0%	89.3%
Assay (HPLC-UV) – A+B+C+D	NLT 95.0%	96.2%

Storage

Store in tightly closed, light-resistant containers. Protect from direct sunlight, moisture, and excessive heat. Keep in a cool, dry area.

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