

Certificate of Analysis

L-CARNOSINE POWDER

Product Name: L-Carnosine Powder

INCI Name: L-Carnosine

CAS No.: 305-84-0

Appearance: White to off-white crystalline powder

Batch/Lot No.: BPCLCP92026

Expiry Date: September 2029

Origin: USA

Property	Specification	Analysis	Result
Appearance	White to off-white crystalline powder	White to off-white crystalline powder	Pass
Odor	Odorless	Odorless	Pass
Solubility	Soluble in water	Soluble in water	Pass
Assay (Purity)	≥ 99.00%	99.80%	Pass
Specific Rotation	+20.0° to +22.0°	+21.2°	Pass
pH (1% Aqueous Solution)	7.00 – 8.20	7.50	Pass
Loss on Drying	≤ 1.00%	0.35%	Pass
Residue on Ignition	≤ 0.10%	0.04%	Pass
Heavy Metals (as Pb)	≤ 10.00 ppm	< 10.00 ppm	Pass

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