

Certificate of Analysis (COA)

Dipeptide-2

Product Name: Dipeptide-2
INCI Name: Dipeptide-2
Lot Number: BPCDT2102026
Expiry Date: October 2029
CAS No.: 24587-37-9
Molecular Formula: $C_{16}H_{21}N_3O_3$
Molecular Weight: 303.36 g/mol
Grade: Cosmetic Grade
Country of Origin: China

Items	Specifications	Results
Appearance	White to off-white powder	Complies
Identification by ESI-MS	Theoretical molecular weight: Complies	Complies
Purity (HPLC)	≥ 98.0%	99.44%
Assay	≥ 98.0%	99.3%
Total Peptide	≥ 1000	1060
Water (K.F.)	≤ 7.0%	6.04%
Loss on Drying	≤ 7.0%	2.5%
Residue on Ignition	≤ 0.2%	0.04%
Acetic Acid	≤ 15.0%	2.32%
Heavy Metals	≤ 10 ppm	Complies
Solubility	Soluble in water	Complies
Conclusion	Conforms to standard	Complies

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