BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Marine Collagen Peptide
Ingredient	Fish Scalle
Batch Number	24E2026
Manufacture Date	2026-05-24
Expiry Date	2031-05-23

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Dry white powder	Fine white powder
Solubility	Water solube	Water solube
Odor	Odorless	Odorless
Clarity	Clear	Completely transparent
pH	6.2 – 7.2	6.6
Taste	Natural taste	Natural taste
Bulk density	0.35 ± 0.05 gm/cm3	0.35 gm/cm3
Ash content	≤ 2.0%	0.47%
Moisture	≤ 5.0%	2.85%
Protein content	≥ 97.0%	97.72%
Amino acid content	≥ 95.0%	Complies

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤ 1000 cfu/g	180 cfu/g
Staphylococcus aureus	Negative	Not detected
Vibrio cholerae	Negative	Not detected
Vibrio parahaemolyticus	Negative	Not detected
E. coli	Negative	Not detected
Salmonella spp.	Negative / 25g	Not detected
Coliform	Absent	Absent
Anaerobic sulfite reducing spores	≤ 10 cfu/g	≤ 10 cfu/g

Heavy Metals

Analysis Item	Specification	Result
Mercury (Hg)	< 0.1 ppm	< 0.04 ppm
Copper (Cu)	< 30 ppm	< 0.7 ppm
Cadmium (Cd)	< 0.05 ppm	< 0.05 ppm
Arsenic (As)	< 1 ppm	< 0.03 ppm
Zinc (Zn)	< 30 ppm	< 0.9 ppm
Lead (Pb)	< 1 ppm	< 0.05 ppm
Chromium (Cr)	< 10 ppm	< 10 ppm
Iron (Fe)	< 30 ppm	< 7 ppm

Other Tests

Analysis Item	Specification	Result
Sulfur dioxide (SO2)	< 10 ppm	< 10 ppm
Hydrogen peroxide (H2O2)	< 10 ppm	< 10 ppm

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