Product Specification Sheet

1. Product Description

Product Name:	Hydrolyzed Bovine Collagen (Collagen Peptides) — Bulk Food Grade
Chemical / Common Name:	Hydrolyzed bovine collagen (collagen peptides)
Synonyms:	Bovine collagen peptides, collagen hydrolysate
Ingredient Statement:	Hydrolyzed bovine collagen
Molecular Formula / Weight:	Not applicable (protein hydrolysate)
CAS No. / HS Code:	—
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☐ USP / FCC
Country of Origin:	China
Description:	White to off-white agglomerated powder with characteristic odour and taste. 100 % bovine collagen.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Appearance	Agglomerated powder	Organoleptic
Color	White to off-white	Organoleptic
Odor & Taste	Characteristic	Organoleptic
Protein (dry basis) (%)	≥ 90.0	Kjeldahl
Loss on Drying (%)	≤ 10.0	USP

3. Contaminants

Parameter	Specification	Method
Arsenic (As) (ppm)	≤ 0.5	ICP-MS
Cadmium (Cd) (ppm)	≤ 0.5	ICP-MS
Lead (Pb) (ppm)	≤ 0.5	ICP-MS
Mercury (Hg) (ppm)	≤ 0.1	ICP-MS

4. Microbiological Characteristics

Parameter	Specification	Method
Total Plate Count (CFU/g)	≤ 1,000	AOAC
Yeasts and Molds (CFU/g)	≤ 100	AOAC
Escherichia coli	Negative	AOAC
Salmonella	Negative	AOAC
Staphylococcus aureus	Negative	AOAC

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☐ No	☐ Yes ☐ No
Tree nuts	☐ Yes ☐ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☐ No	☐ Yes ☐ No
Milk	☐ Yes ☐ No	☐ Yes ☐ No
Eggs	☐ Yes ☐ No	☐ Yes ☐ No

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Fish	☐ Yes ☐ No	☐ Yes ☐ No
Crustaceans & molluscs	☐ Yes ☐ No	☐ Yes ☐ No
Soy	☐ Yes ☐ No	☐ Yes ☐ No
Wheat & triticale	☐ Yes ☐ No	☐ Yes ☐ No
Gluten (barley, oats, rye)	☐ Yes ☐ No	☐ Yes ☐ No
Mustard	☐ Yes ☐ No	☐ Yes ☐ No
Sulphites (≥ 10 ppm)	☐ Yes ☐ No	☐ Yes ☐ No

6. Regulatory Status

GMO Status:	☒ Non-GMO ☐ Contains GMO ☐ Not applicable
Irradiation:	☐ Not irradiated ☐ Irradiated
Certifications:	☐ Kosher ☐ Halal ☐ Organic ☐ Vegan ☐ Other: _____
BSE / TSE Statement:	—
Standard of Quality:	—

7. Packaging, Storage & Shelf Life

Uses:	Protein ingredient for beverages, collagen supplement powders, capsules, bars and functional foods.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Keep in a dry and cool place in original intact packing.
Shelf Life:	Not less than 2 years.
Lot Code Format:	YYYYMMDDNN (repack date + sequence), traceable to the manufacturer lot.

8. Quality Assurance Review

Reviewed By (QA): LiquidShop Quality Assurance **Review Date:** 2026-10-08

This document was prepared electronically and reviewed by LiquidShop Quality Assurance. It is valid without a signature.

The information contained in this document is accurate to the best of our knowledge. It is the responsibility of the user to ensure the product is suitable for its intended application and complies with applicable regulations.