

DATE: **06/22/2023**

CERTIFICATE OF ANALYSIS

Product: **COLLAGEN PEPTIDES POWDER**
 Product code : **14287**
 Prepared For: **NATURL FORCE LLC (CO NORTH INC)**

Lot No: **2305227**
 Serving Size : **11100.00 mg**
 Manufacture Date: **05/2023**

PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Description/Appearance	Off White to Pale Yellow	Pale Yellow	Organoleptic
Odor/ Flavor	Odorless	Odorless	Organoleptic
Spectral Match	Consistent With Standard	Consistent	FT-IR

AMOUNT PER SERVING

INGREDIENT

<u>INGREDIENT</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Protein (From Solugel Ultra BD Bovine Collagen)	10gm - 14gm	10.25gm	Kjeldahl

CONTAMINANTS

MICROBIOLOGICAL

<u>MICROBIOLOGICAL</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Total Aerobic Plate Count	<10 ⁷ cfu/g	100 cfu/g	USP <61>
Total Yeast and Mold (Y&M)	<10 ⁵ cfu/g	<10 cfu/g	USP <61>
Enterobacteriaceae	<10 ⁴ cfu/g	<10 cfu/g	USP <62>
Salmonella spp.	Absent	Absent	USP <62>
E. Coli	Absent	Absent	USP <62>
Staphylococcus aureus	Absent	Absent	USP <62>

HEAVY METALS:

<u>HEAVY METALS:</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Mercury (2µg/day)	≤ 0.1802 ppm	0.0024 ppm	ICP/MS
Lead (8.8µg/day)	≤ 0.7928 ppm	<0.001 ppm	ICP/MS
Arsenic (10µg/day)	≤ 0.9009 ppm	0.0315 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 0.3694 ppm	0.0008 ppm	ICP/MS

GLUTEN

<u>GLUTEN</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
	NMT 20 ppm	< 4 ppm	ELISA

SOY

<u>SOY</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
	Not Detected (LOQ 2.5 ppm)	< 2.5 ppm	ELISA

B-LACTOGLOBULIN

<u>B-LACTOGLOBULIN</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
	Not Detected LOQ 5.0 ppm)	<5 ppm	ELISA

CASEIN

<u>CASEIN</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
	Not Detected (LOQ 2.5 ppm)	<2.5 ppm	ELISA

‡In accordance with 21 CFR § 111.75 (c) or (d) ingredient is exempt from testing. Result is substantiated through component testing and/or examination; in-process testing, examination, and/or monitoring; and other aspects of the established Production and Process Control System (PPCS).