



**Certificate of Analysis**

<b>Accession:</b> 8456	<b>STAT</b>	<b>Client:</b> ProHealth	<b>Collection Date:</b> 5/2/2024 10:58 AM	PC
<b>External No:</b> 7904-LN		555 Maple Ave	<b>Received Date:</b> 5/2/2024 10:58 AM	TA
<b>Product:</b> Longevity Collagen		Carpinteria, CA 93013	<b>Reported Date:</b>	
<b>Product Code:</b> PH618			<b>Report Status:</b> APPROVAL REQUIRED	
<b>Invoice:</b> 1187	<b>Batch or Lot ID:</b> 0224-057		<b>Sample Description:</b> Collagen Powder	
<b>Manufactured Date:</b> 3/20/2024	<b>Expiration Date:</b> 4/20/2026		<b>PO Number:</b> 43849	
<b>Serving Size:</b> 23 grams				

**Physical**

<b>Unit Weight</b>		<i>Run by AW on 5/2/2024 2:40:42 PM at Location: TAL</i>
<b>Test</b>	<b>Unit weight in grams</b>	
Unit Weight	23.000	

**Analytical**

<b>Collagen</b>		<i>Run by JH on 5/10/2024 4:00:56 PM at Location: TAL</i>
<i>**Preliminary Results** Manager Approval Required</i>		
<i>SOP/Methodology: TM0069 / LCMS</i>		

Test	Result	Units	Specification	Status
Collagen	20.9	g/23 GRAMS	>20 g/23 GRAMS	Within Specification

<b>Hyaluronic Acid</b>		<i>Run by MJ on 5/3/2024 11:30:16 AM at Location: TAL</i>
<i>SOP/Methodology: HPLC</i>		

Test	Result	Units	Specification	Status
Hyaluronic Acid	295.9	mg/23 GRAMS	>250 mg/23 GRAMS	Within Specification

**Analytical - Amino Acids**

<b>Glycine</b>		<i>Run by JH on 5/6/2024 3:00:37 PM at Location: TAL</i>
<i>SOP/Methodology: TM0069 / LCMS</i>		

Test	Result	Units	Specification	Status
Glycine	1130	mg/23 GRAMS	>1000 mg/23 GRAMS	Within Specification

<b>Hydroxy-L-proline</b>		<i>Run by MJ on 5/10/2024 4:08:46 PM at Location: TAL</i>
<i>**Preliminary Results** Manager Approval Required</i>		
<i>SOP/Methodology: TM0069 / LCMS</i>		

Test	Result	Units	Specification	Status
Hydroxy-L-proline	2400	mg/23 GRAMS	>1000 mg/23 GRAMS	Within Specification

**Analytical - Elemental Analyses**

<b>Heavy Metals (As, Cd, Hg and Pb)</b>		<i>Run by BCA on 5/7/2024 9:21:24 AM at Location: TAL</i>
<i>SOP/Methodology: USP 233</i>		

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	0.5038	0.09134	0.2738	mcg/23 GRAMS	<1 mcg/23 GRAMS	Within Specification
Cadmium (Cd)	ND	0.09134	0.2738	mcg/23 GRAMS	<1 mcg/23 GRAMS	Within Specification
Lead (Pb)	0.4368	0.09134	0.2738	mcg/23 GRAMS	<0.5 mcg/23 GRAMS	Within Specification
Mercury (Hg)	ND	0.09134	0.2738	mcg/23 GRAMS	<0.1 mcg/23 GRAMS	Within Specification

<b>Zinc (Zn)</b>		<i>Run by BCA on 5/7/2024 9:21:24 AM at Location: TAL</i>
<i>SOP/Methodology: USP 233</i>		

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Zinc (Zn)	23.04	0.009134	0.02738	mg/23 GRAMS	>23 mg/23 GRAMS	Within Specification



# Twin Arbor Analytical

Your Quality Control Lab

3474 Empresa Drive Suite 140, San Luis Obispo, CA 93401 · 805-369-2123 · www.twinarborlabs.com



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<b>Product Code:</b> PH618			<b>Report Status:</b> APPROVAL REQUIRED	
<b>Invoice:</b> 1187		<b>Batch or Lot ID:</b> 0224-057	<b>Sample Description:</b> Collagen Powder	
<b>Manufactured Date:</b> 3/20/2024		<b>Expiration Date:</b> 4/20/2026	<b>PO Number:</b> 43849	
<b>Serving Size:</b> 23 grams				

### Analytical - Vitamins

**Vitamin B7 (Biotin) by LCMS** Run by AW on 5/2/2024 2:41:25 PM at Location: TAL  
 SOP/Methodology: TM0047 / LCMS

Test	Result	Units	Specification	Status
Vitamin B7 (Biotin)	2.077	mg/23 GRAMS	>2 mg/23 GRAMS	Within Specification

**Vitamin C (Ascorbic Acid)** Run by JH on 5/3/2024 9:53:37 AM at Location: TAL  
 SOP/Methodology: TM0020

Test	Result	Units	Specification	Status
Vitamin C (Ascorbic Acid)	93.9	mg/23 GRAMS	>90 mg/23 GRAMS	Within Specification

### Microbiological - Traditional Plating Analyses

**Microbiological examination of supplements (short USP 2021 and 2022)** Run by AP on 5/5/2024 2:21:36 PM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	< 100	CFU/g	<10000 CFU/g	Within Specification	USP 2021
Total Yeast	< 100	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Total Mold	< 100	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Total Coliform	< 10	CFU/g	<10 CFU/g	Within Specification	USP 2021
Escherichia coli	Absent	P/A	Absent in 10g	Within Specification	USP 2022
Salmonella species	Absent	P/A	Absent in 10g	Within Specification	USP 2022
Staphylococcus aureus	Absent	P/A	Absent in 10g	Within Specification	USP 2022

Notes: \*\*\*3 DAY TAT\*\*\*

Reviewed By: \_\_\_\_\_  
Jones, Molliann - Analytical Manager

Panel Name: Unit Weight	Approved: 5/6/2024 4:12 PM
Panel Name: Hyaluronic Acid	Approved: 5/3/2024 11:32 AM
Panel Name: Glycine	Approved: 5/7/2024 12:22 PM
Panel Name: Heavy Metals (As, Cd, Hg and Pb)	Approved: 5/8/2024 1:28 PM
Panel Name: Zinc (Zn)	Approved: 5/7/2024 12:22 PM
Panel Name: Vitamin B7 (Biotin) by LCMS	Approved: 5/6/2024 4:12 PM
Panel Name: Vitamin C (Ascorbic Acid)	Approved: 5/6/2024 4:12 PM

Reviewed By: \_\_\_\_\_  
Pereira, Anisse - Microbial Manager

Panel Name: Microbiological examination of supplements (short USP 2021 and 2022) Approved: 5/9/2024 2:23 PM



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<b>Product:</b>	Longevity Collagen			Carpinteria, CA 93013	<b>Reported Date:</b>		
<b>Product Code:</b>	PH618		<b>Batch or Lot ID:</b>	0224-057	<b>Report Status:</b>	APPROVAL REQUIRED	
<b>Invoice:</b>	1187		<b>Expiration Date:</b>	4/20/2026	<b>Sample Description:</b>	Collagen Powder	
<b>Manufactured Date:</b>	3/20/2024				<b>PO Number:</b>	43849	
<b>Serving Size:</b>	23 grams						

ND = Not Detected | LOD = Limit of Detection | LOQ = Limit of Quantification

Product details are provided by the Client and are not verified by the laboratory.  
Not all methods are ISO17025:2017 accredited.