



# Twin Arbor Analytical

Your Quality Control Lab

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



## Certificate of Analysis

<b>Accession:</b>	5694	<b>Client:</b>	ProHealth	<b>Collection Date:</b>	9/21/2023 2:25 PM	PC
<b>External No:</b>	4177-LN		555 Maple Ave	<b>Received Date:</b>	10/17/2023 3:56 PM	RC
<b>Product:</b>	Quercetin Bromelain Complex		Carpinteria, CA 93013	<b>Reported Date:</b>	11/20/2023 10:58 AM	
<b>Product Code:</b>	PH25			<b>Report Status:</b>	FINAL	
<b>Invoice:</b>	147	<b>Batch or Lot ID:</b>	2308207	<b>Manufactured Date:</b>	9/15/2023	
<b>Expiration Date:</b>	9/14/2025	<b>Serving Size:</b>	3 tablets			

## Ingredient Verification

### Amazon Ingredient Verification Run by MJ on 11/20/2023 10:56:25 AM at Location: TAL

Ingredient Full Name: Bromelain (From Pineapple)

Test	Short Name	Result	Units	Specification	Methodology
Ingredient	Bromelain	300.0	mg/3 tablets	300 mg/3 tablets	By Inputs - Batch Verification

## Analytical

### Quercetin Run by MJ on 10/20/2023 3:27:08 PM at Location: TAL

SOP/Methodology: TM0017 / UPLC-DAD

Test	Result	Units	Specification	Status
Quercetin	1085.5	mg/3 tablets	>1000 mg/3 tablets	Within Specification

## Analytical - Elemental Analyses

### Heavy Metals (As, Cd, Hg and Pb) Run by AW on 10/26/2023 12:58:53 PM at Location: TAL

SOP/Methodology: USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	0.090	0.005	0.015	ppm	<2 ppm	Within Specification
Cadmium (Cd)	0.046	0.005	0.015	ppm	<1 ppm	Within Specification
Lead (Pb)	0.059	0.005	0.015	ppm	<2 ppm	Within Specification
Mercury (Hg)	0.079	0.005	0.015	ppm	<0.1 ppm	Within Specification

## Analytical - Vitamins

### Vitamin C (Ascorbic Acid) Run by AW on 10/19/2023 4:23:33 PM at Location: TAL

SOP/Methodology: TM0020

Test	Result	Units	Specification	Status
Vitamin C (Ascorbic Acid)	849	mg/3 tablets	>600 mg/3 tablets	Within Specification

## Microbiological - Traditional Plating Analyses

### Microbiological examination of supplements (short USP 2021 and 2022) Run by AP on 10/19/2023 1:47:20 PM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	350	CFU/g	<10000 CFU/g	Within Specification	USP 2021
Total Yeast	50	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Total Mold	<100	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Most Probable Coliform Count	< 10	CFU/g	< 10 CFU/g	Within Specification	USP 2021
Escherichia coli	Absent	P/A	Absent in 10 gram	Within Specification	USP 2022
Salmonella species	Absent	P/A	Absent in 10 gram	Within Specification	USP 2022
Staphylococcus aureus	Absent	P/A	Absent in 10 gram	Within Specification	USP 2022

Reviewed By: \_\_\_\_\_

Jones, Molliann - Analytical Manager



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Panel Name:	Amazon Ingredient Verification			Approved:	11/20/2023 10:57 AM	
Panel Name:	Quercetin			Approved:	10/23/2023 2:48 PM	
Panel Name:	Heavy Metals (As, Cd, Hg and Pb)			Approved:	10/27/2023 3:05 PM	
Panel Name:	Vitamin C (Ascorbic Acid)			Approved:	10/20/2023 10:28 AM	

Reviewed By:

Pereira, Anisse - Microbial Manager

Panel Name: Microbiological examination of supplements (short USP 2021 and 2022) Approved: 10/24/2023 1:56 PM

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.