



# Twin Arbor Analytical

Your Quality Control Lab

3990 Ruth Way Suite D, Paso Robles, CA 93446 · 805-369-2123 · www.twinarborlabs.com



## Certificate of Analysis

<b>Accession:</b>	4248	<b>STAT</b>	<b>Client:</b>	ProHealth	<b>Collection Date:</b>	5/19/2023 1:25 PM	PC
<b>External No:</b>	2771-LN			555 Maple Ave	<b>Received Date:</b>	5/23/2023 10:47 AM	SP
<b>Product:</b>	NR Pro Complete			Carpinteria CA, 93013	<b>Reported Date:</b>	6/6/2023 12:10 PM	
<b>Product Code:</b>	PH629				<b>Report Status:</b>	FINAL	
<b>Invoice:</b>	3075		<b>Batch or Lot ID:</b>	23065	<b>Sample Description:</b>	Nicotinamide Riboside Chloride, Micronized Trans Resveratrol, TMG	
<b>Manufactured Date:</b>	5/15/2023		<b>Expiration Date:</b>	5/15/2025	<b>Serving Size:</b>	2 Capsules	

## Analytical

**Assay** Run by FR on 5/25/2023 3:34:49 PM at Location: TAL

Test	Name	Result	Specification	Status	Methodology
Assay	Nicotinamide riboside chloride	512 mg/2 Capsule	>500 mg/2 Capsule	Within Specification	HPLC

**Resveratrol** Run by MJ on 5/24/2023 9:25:07 AM at Location: TAL

SOP/Methodology: TM0017 / UPLC-DAD

Test	Result	Units	Specification	Status	Unit wt in grams
Resveratrol	515.6	mg/2 capsules	>500 mg/2 capsules	Within Specification	1.3974 g per 2 capsules

Notes: Micronized Trans Resveratrol^

**Trimethylglycine (TMG/ Betaine)** Run by MJ on 5/24/2023 11:48:41 AM at Location: TAL

SOP/Methodology: TM0050 / HPLC

Test	Result	Units	Specification	Status	Unit wt in grams
Trimethylglycine (TMG/ Betaine)	283	mg/2 capsules	>250 mg/2 capsules	Within Specification	1.3974 g per 2 capsules

**Heavy Metals (As, Cd, Hg and Pb)** Run by SW on 5/29/2023 1:59:37 PM at Location: TAL

SOP/Methodology: USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	< LOQ	0.003	0.01	ppm	<2 ppm	Within Specification
Cadmium (Cd)	ND	0.003	0.01	ppm	<1 ppm	Within Specification
Lead (Pb)	0.017	0.003	0.01	ppm	<2 ppm	Within Specification
Mercury (Hg)	0.022	0.003	0.01	ppm	<0.1 ppm	Within Specification

## Microbiological

**Supplement (short USP 2021 and 2022)** Run by SR on 5/30/2023 4:11:23 PM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	50	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	FDA BAM chp. 4
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

*Shawn Richmond*

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

Richmond, Shawn - Microbial Director

Panel Name: Supplement (short USP 2021 and 2022)

Approved: 6/5/2023 4:22 PM



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<b>External No:</b>	2771-LN			555 Maple Ave	<b>Received Date:</b>	5/23/2023 10:47 AM	SP
<b>Product:</b>	NR Pro Complete			Carpinteria CA, 93013	<b>Reported Date:</b>	6/6/2023 12:10 PM	
<b>Product Code:</b>	PH629				<b>Report Status:</b>	FINAL	
<b>Invoice:</b>	3075		<b>Batch or Lot ID:</b>	23065	<b>Sample Description:</b>	Nicotinamide Riboside Chloride, Micronized Trans Resveratrol, TMG	
<b>Manufactured Date:</b>	5/15/2023		<b>Expiration Date:</b>	5/15/2025	<b>Serving Size:</b>	2 Capsules	

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

Jones, Molliann - Analytical Manager

Panel Name: Assay	Approved: 6/6/2023 12:07 PM
Panel Name: Resveratrol	Approved: 6/6/2023 12:07 PM
Panel Name: Trimethylglycine (TMG/ Betaine)	Approved: 6/6/2023 12:07 PM
Panel Name: Heavy Metals (As, Cd, Hg and Pb)	Approved: 6/6/2023 12:07 PM

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

Not all methods are ISO17025:2017 accredited