



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

Accession: 5163	STAT	Client: ProHealth	Collection Date: 8/7/2023 3:18 PM	PC
External No: 3651-LN		555 Maple Ave	Received Date: 8/9/2023 12:10 PM	SP
Product: Vitamin K2 + D3		Carpinteria, CA 93013	Reported Date: 8/21/2023 10:15 AM	
Product Code: 2303-75			Report Status: FINAL	
Invoice: 3384		Batch or Lot ID: 2303-75	Sample Description: Vitamin K2 and Vitamin D3	
Manufactured Date: 3/1/2023		Expiration Date: 3/1/2025	Serving Size: 1 Capsule	

Analytical

Amazon Ingredient Verification (1 ingredient) Run by MJ on 8/10/2023 2:43:40 PM at Location: TAL

Ingredient 1 Full Name: Bioperine

Test	Short Name	Result	Units	Specification	Methodology
Ingredient 1	Bioperine	2.60	mg/1 cap	2.5 mg/1 cap	HPLC

Piperine Run by MJ on 8/10/2023 2:43:09 PM at Location: TAL

SOP/Methodology: TM0028

Test	Result	Units	Specification	Status
Piperine	2.47	mg/unit	>2.375 mg/unit	Within Specification

Notes: Bioperine

Vitamin D3 (Cholecalciferol) by LCMS Run by FR on 8/11/2023 9:03:59 AM at Location: TAL

SOP/Methodology: TM0047 / LCMS

Test	Result	Units	Specification	Status
Vitamin D3 (Cholecalciferol)	130.3	mcg/unit	>125 mcg/unit	Within Specification

Vitamin K2 (Menaquinone-7) by LCMS Run by FR on 8/10/2023 4:25:58 PM at Location: TAL

SOP/Methodology: TM0047 / LCMS

Test	Result	Units	Specification	Status
Vitamin K2 (Menaquinone-7)	102.5	mcg/unit	>100 mcg/unit	Within Specification

Heavy Metals (As, Cd, Hg and Pb) Run by SW on 8/14/2023 6:15:06 PM at Location: TAL

SOP/Methodology: USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	0.253	0.004	0.013	ppm	<2 ppm	Within Specification
Cadmium (Cd)	< LOQ	0.004	0.013	ppm	<1 ppm	Within Specification
Lead (Pb)	0.223	0.004	0.013	ppm	<2 ppm	Within Specification
Mercury (Hg)	0.031	0.004	0.013	ppm	<0.1 ppm	Within Specification

Microbiological

Supplement (short USP 2021 and 2022) Run by AP on 8/14/2023 10:12:28 AM 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

Reviewed By: 



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Richmond, Forrest - Analytical Director

Panel Name: Vitamin D3 (Cholecalciferol) by LCMS	Approved: 8/11/2023 9:11 AM
Panel Name: Vitamin K2 (Menaquinone-7) by LCMS	Approved: 8/11/2023 9:11 AM
Panel Name: Heavy Metals (As, Cd, Hg and Pb)	Approved: 8/11/2023 9:11 AM
Panel Name: Supplement (short USP 2021 and 2022)	Approved: 8/11/2023 9:11 AM

Reviewed By: _____

Jones, Molliann - Analytical Manager

Panel Name: Amazon Ingredient Verification (1 ingredient)	Approved: 8/10/2023 3:45 PM
Panel Name: Piperine	Approved: 8/10/2023 3:45 PM

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

Not all methods are ISO17025:2017 accredited