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Mission Mountain Laboratories. Inc. 82892 US Hwy 93 Ravalli, MT 59863 Phone: 406-726-5227 www.mm-labs.com



Accredited to ISO/IEC 17025:2017 Acceditation #86228

Certificate of Analysis

Dynamic Technical Formulations

785 Goddard Ct. Alpharetta, GA 30005 Order ID: 2308185881 Lab Sample #: 43723708 Receive Date: 08/18/2023 12:35PM Report ID: #20460

Sample Description: Ekko, Multivitamin

Receive Condition:	Good					
Sample Lot #:	2308082	Storage Con	dition: Ambient			
Tab/Cap Weight:	636 mg	Serving Size:	4 Capsules			
Chemical Analysis		<u>Result</u>	Specification	<u>Analyst</u>	<u>Date</u>	Method
Chromium	0.22	mg/serving	Report	Marina Mayorga	08/22/2023	MML230.03
Chromium Picolinate	1.7	mg/serving	NLT 0.2 mg/serving	Marina Mayorga	08/22/2023	Calculated
Curcuminoids	500.3	3 mg/serving	NLT 500 mg/serving	Allista Vetter	08/23/2023	MML170.07.16
Manganese	7.54	mg/serving	NLT 6 mg/serving	Marina Mayorga	08/22/2023	MML230.03
Vitamin C	517.5	5 mg/serving	NLT 500 mg/serving	Allista Vetter	08/23/2023	MML170.05.03
Vitamin D3	0.127	3 mg/serving	NLT 0.125 mg/serving	g Allista Vetter	08/22/2023	MML170.06.01
Vitamin K1	0.51	mg/serving	NLT 0.5 mg/serving	Allista Vetter	08/22/2023	MML170.06.01
Zinc	35.6	mg/serving	Report	Marina Mayorga	08/22/2023	MML230.03
Zinc Oxide	xide 44.3 mg/serving		NLT 40 mg/serving	Marina Mayorga	08/22/2023	Calculated

Method References

Method # MML230.03

Desc Determination of Nutrients by ICP-OES

Instrument ICP-OES

<u>Reference</u> Krampitz, Paul D. and Barnes, Karen W. The Determination of Minerals in Multivitamin Samples Using Microwave Digestion and ICP-OES Analysis. The Perkin-Elmer Corporation. Vol 19, Number 2, March/April 1998, modified

Disclaimer: This product results are only applicable to test sample submitted. Mission Mountain Laboratory makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This certificate shall not be reproduced except in full, without the written approval of Mission Mountain Laboratories. Quality and uncertainty data is available upon request. Testing listed above may not be included in our current PJLA scope of accrediation. Please consult PJLA Certificate# 86228 for a list of current accredited tests.





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Alpharetta, GA			Receive Date:	08/18/2023 12:35PM			
30005			Report ID:	#20460			
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Method # Calcul	ated						
<u>Reference</u> (Calculated from Chromi	um Assay					
Method # MML1	70.07.16	Desc	Curcuminoids - Tumeric				
Instrument	HPLC						
<u>Reference</u>	Tumeric, Handbook of Analytical Methods for Dietary Supplements. Washington, D.C.: American Pharmacists Association, 2005. 192-195 modified						
Method # MML1	70.05.03	Desc	Vitamin C				
Instrument	HPLC						
<u>Reference</u>	Mitic et al. Rapid and reliable HPLC method for the determination of vitamin C in pharmaceutical samples Trop. J Pharm. Res., February 2011; 10(1): 105-111, modified						
Method # MML1	70.06.01	Desc	Fat Soluble Vitamins				
Instrument	HPLC						
<u>Reference</u>		amin Premixes Journ	y for the Determination of Fat-Soluble Vi al of AOAC International, Volume 90, Nun				

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Order ID: 2308185881

Receive Date: 08/18/2023 12:35PM

Lab Sample #: 43723708

Report ID: #20460

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Certificate of Analysis

Dynamic Technical Formulations

785 Goddard Ct. Alpharetta, GA 30005

Approval

Approved By:

Amanda Ehman

Amanda Ehman
Quality Officier
Authorized ReviewerApproved Date:08/24/2023Laboratory Location:82892 US Hwy 93 N, Ravalli, MT 59863

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Print Date: 08/24/2023