



General Nutrition, Inc.
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Atlanta, GA 30354
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<https://getgn.shop>

Vitamin K2 + D3 Complex - Bone & Cardiovascular Synergy
SKU: ROC831

CERTIFICATE OF ANALYSIS

Product Name	Vitamin K2 + D3 Complex - Bone & Cardiovascular Synergy		
Product SKU	ROC831	Lot Number	K2D220612
Received Date	06/28/2022	Country of Origin	USA

ANALYSIS	METHOD	SPECIFICATION	RESULTS	STATUS
Physical Properties				
Serving Size	SNL.MA.210	1 Capsule	1.00 Capsule	PASS
Average Net Fill Weight	WI.USP.2091.02	619.3 - 757 mg	697.60 mg	PASS
Minerals (per serving)				
Calcium	WI.ICP.409	> 210 mg	247.054 mg	PASS
Purity (Heavy Metals)				
Arsenic (As)	USP <2232>	< 15 ppm	0.580 ppm	PASS
Cadmium (Cd)	USP <2232>	< 5 ppm	0.176 ppm	PASS
Lead (Pb)	USP <2232>	< 5 ppm	0.169 ppm	PASS
Mercury (Hg)	USP <2232>	< 15 ppm	< 0.001 ppm	PASS
Microbiology				
Total Plate Count	AOAC 2015.13 Petrifilm	N/A	< 1000 cfu/g	PASS
Total Coliform	AOAC 2018.13 Petrifilm	N/A	< 10 cfu/g	PASS
Escherichia coli	Biolumix	None Detected	None Detected	PASS
Salmonella spp.	AOAC 2013.01 <Vidas>	None Detected	None Detected	PASS
Yeasts & Molds	AOAC 2014.05 Petrifilm	N/A	< 100 cfu/g	PASS

Final Disposition

PASS

This product has been reviewed and approved by our FDA Approved Lab located in the United States of America.

The results reported in this Certificate of Analysis (COA) are truthful and representative of the lot. The finished product and all raw materials used to manufacture the batch have been found to meet required specification limits in accordance with 21 CFR 111 (cGMP) regulations and the product is duly released.

Analytical Highlights for Lot #K2D220612:

- **Mineral Content:** Calcium level confirmed at **247.054 mg per serving**, exceeding the minimum specification of 210 mg.
- **Safety & Purity:**
 - **Heavy Metals:** Confirmed compliance with USP <2232> standards for Arsenic (**0.580 ppm**), Cadmium (**0.176 ppm**), Lead (**0.169 ppm**), and Mercury (**< 0.001 ppm**).
 - **Microbiology:** Full safety screening via AOAC Petrifilm methods confirmed as **PASS** for pathogens (E. coli, Salmonella, S. aureus). Total Plate Count and Coliform recorded at exceptionally clean levels.
- **Physical Metrics:** Average net fill weight confirmed at **697.60 mg** per capsule.
- **Final Disposition:** **PASS**