

Certificate of Analysis

Item:	PMN-134388	Date: 08/07/2026
Name of Product:	Vit K2-D3 + Black Pepper 60Vcaps - Pure	
	Micronutrients	
Lot Number:	2608007	
Bulk Lot Number:	H03762-B*	
Date of Manufacture:	07/2026	
Expiration Date:	07/2029	

Physical Analysis

Assay	Specification	Method	Results
Appearance	"00" Clear veggie Caps	Sensory	Passed
Color	White to off white powder	Sensory	Passed
Average Weight	955 - 1051 mg	USP	993mg
Length	NMT 24 mm	Measure	23.0mm
Disintegration	0-30 min	USP	8min

Assay/ capsule

Assay	Specification	Method	Results
Vitamin D3 (as Cholecalciferol)	125 - 165 mcg	HPLC	161mcg/cap
Calcium (as Calcium Carbonate)	210 – 260 mg	Titration	225mg/cap**
Vitamin K-2 (Menaquinone MK-7)	120 – 165 mcg	HPLC	126mcg/cap
Black Pepper Extract (std. to 95% piperine) (fruit)	5 – 6 mg	Quantity by Input verified and reviewed from product batch record and ingredient COAs	Passed

Heavy metals

Assay	Specification	Method	Results
Arsenic	≤ 10 µg/daily dosage	ICP	0.430µg/daily dosage
Cadmium	≤ 4.1 µg/daily dosage	ICP	0.069µg/daily dosage
Total Mercury	≤ 2 µg/daily dosage	ICP	<0.020µg/daily dosage
Lead	≤ 5 µg/daily dosage	ICP	0.079µg/daily dosage

Gluten Test

Assay	Specification	Method	Results
Gluten Allergen Testing	< 20 ppm	Elisa	Passed

Microbiological Analysis

Assay	Specification	Method	Results
Total Aerobic Microbial Count	<100,000 CFU/g	Soleris NG	Passed
Total Yeasts and Molds	<1,000 CFU/g	Soleris NG	Passed
<i>E. coli</i>	Negative/10g	Soleris NG	Passed
<i>Salmonella spp</i>	Negative/10g	Soleris NG	Passed

*DR#26-059

**OOS#26-095

Document prepared by QAQC GWH 08/07/2026

