

Eurofins Microbiology Laboratories (New England)

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Client Code: UC0000649

ANALYTICAL REPORT

AR-25-UC-006610-01

Received On: 07Apr2025

Reported On: 25Apr2025

Eurofins Sample Code:	126-2025-04070042	Sample Registration Date:	07Apr2025	
Client Sample Code:	Lot: 0225013 exp: 02/28/27	Condition Upon Receipt:	acceptable, 18.9°C	
Sample Description:	Primal Queen 60ct Capsules	Sample Reference:		
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 16Apr2025	Sub 4
Parameter	Result			
Arsenic	24.9 ppb			
Cadmium	13.5 ppb			
Lead	5.61 ppb			
Mercury	<5.00 ppb			
GU057 - PCR Qualitative-Agro Border II	Reference GeneScan internal method	Accreditation	Completed 11Apr2025	Sub 1
Parameter	Result			
PCR Qualitative-Agro Border II	Negative			
GU103 - PCR Qualitative-CaMV 35S Promoter	Reference GeneScan internal method	Accreditation	Completed 11Apr2025	Sub 1
Parameter	Result			
PCR Qualitative-CaMV 35S Promoter	Negative			
GU105 - PCR Qualitative-NOS Terminator	Reference Internal, real time PCR	Accreditation	Completed 11Apr2025	Sub 1
Parameter	Result			
PCR Qualitative-NOS Terminator	Negative			
JLPT1 - Total Microbial Count Suitability USP Chapter 2021	Reference USP <2021>	Accreditation	Completed 21Apr2025	Sub 5
Parameter	Result			
Total Aerobic Microbial Count	PASS			

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Sample Description:	Primal Queen 60ct Capsules	Sample Reference:		
JLPT8 - Total Combined Mould-Yeast Suitability USP Ch 2021	Reference USP <2021>	Accreditation	Completed 21Apr2025	Sub 5
Parameter	Result			
Total Combined Yeast-Molds Count	PASS			
QA748 - Glyphosate (LC-MSMS)	Reference J. Agric. Food Chem. 2004, 52, 4057-4066	Accreditation	Completed 21Apr2025	Sub 3
Parameter	Result			
Glyphosate	<0.01 mg/kg			
QD02P - Total Vitamin B6(Low Level <25 mg/100g)	Reference AOAC 2004.07 (modified)	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			
Vitamin B6 (pyridoxine)	0.199 mg/100 g			
QD038 - Carbohydrates, Calculated	Reference CFR 21-calc.	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			
Carbohydrates, Calculated	83.37 %			
QD059 - Fat by Acid Hydrolysis	Reference AOAC 954.02	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			
Crude Fat By Acid Hydrolysis	6.74 %			
QD0N2 - Total Vitamin B2-Riboflavin(Low Level <50 mg/100g)	Reference ISO 14152:2014 mod.	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			
Riboflavin	0.629 mg/100 g			
QD107 - Iron by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			
Iron	0.0013 %			
QD148 - Moisture by Vacuum Oven	Reference AOAC 925.09	Accreditation	Completed 25Apr2025	Sub 2
Parameter	Result			

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QD148 - Moisture by Vacuum Oven	Reference AOAC 925.09	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Moisture and Volatiles - Vacuum Oven	4.7 %

QD226 - Calories, Calculated	Reference CFR - Atwater calculation	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Calories Calculated	411 kcal/100 g

QD249 - Zinc by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Zinc	3.8 ppm

QD250 - Ash	Reference AOAC 942.05	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Ash	1.00 %

QD252 - Protein - Combustion	Reference AOAC 990.03; AOAC 992.15	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Protein	4.19 %
Nitrogen - Combustion	0.67 %
Protein Factor	6.25

QQ059 - Total Vitamin B9-Folate(Low Level <12.5 mg/100g)mg	Reference AOAC 992.05 mod.	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Total Folate as Folic Acid	0.0562 mg/100 g

QQ085 - Total Vitamin B3-Niacin(Low Level <1000 mg/100g)	Reference AOAC 944.13 mod.	Accreditation	Completed 25Apr2025	Sub 2
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Parameter	Result
Niacin	1.27 mg/100 g

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Sample Description:	Primal Queen 60ct Capsules	Sample Reference:			
QQ151 - Total Vitamin B12-Cobalamin(Low Level <3 mg/100g)	Reference AOAC 952.20 mod.	Accreditation	Completed 25Apr2025	Sub 2	
Parameter Vitamin B12	Result 10.3 µg/100 g				
QQ182 - Total Vitamin A	Reference AOAC 974.29 Mod.	Accreditation	Completed 25Apr2025	Sub 2	
Parameter Retinol	Result 303 IU/100 g				
β-carotene	<300 IU/100 g				
Total Vitamin A	303 IU/100 g				
UM2N6 - Listeria spp. - BAM Chapter 10	Reference FDA BAM Chapter 10	Accreditation ISO/IEC 17025:2017 A2LA 3329.08	Completed 14Apr2025		
Parameter Listeria spp.	Result Not Detected per 25 g				
UM70J - Total Combined Yeasts/Moulds Count - U.S. Pharmacopeia Chapter 2021	Reference U.S. Pharmacopeia Chapter 2021	Accreditation	Completed 21Apr2025	Sub 5	
Parameter Total Combined Yeasts/Moulds Count	Result < 10 cfu/g				
UMKP7 - Total Coliforms - BAM Chapter 4	Reference FDA BAM Chapter 4	Accreditation ISO/IEC 17025:2017 A2LA 3329.08	Completed 10Apr2025		
Parameter Total Coliforms	Result < 3 MPN/g				
ZMCKU - Escherichia Coli - USP <2022>	Reference USP <2022>	Accreditation	Completed 21Apr2025	Sub 5	
Parameter E. coli	Result Not Detected per 10 g				
ZMCLR - Escherichia coli Suitability - U.S. Pharmacopeia Chapter 2022	Reference U.S. Pharmacopeia Chapter 2022	Accreditation	Completed 21Apr2025	Sub 5	
Parameter Escherichia coli Suitability	Result PASS per sample				

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Sample Description: Primal Queen 60ct Capsules	Sample Reference:

ZMCLY - Salmonella spp. Suitability - U.S. Pharmacopeia Chapter 2022	Reference U.S. Pharmacopeia Chapter 2022	Accreditation	Completed 21Apr2025	Sub 5
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Parameter	Result
Salmonella spp. Suitability	PASS per sample

ZME8F - Total Aerobic Microbial Count - U.S. Pharmacopeia Chapter 2021	Reference U.S. Pharmacopeia Chapter 2021	Accreditation	Completed 21Apr2025	Sub 5
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Parameter	Result
Total Aerobic Microbial Count	130 (est) cfu/g

ZMEV2 - Salmonella - U.S. Pharmacopeia Chapter 2022	Reference U.S. Pharmacopeia Chapter 2022	Accreditation	Completed 21Apr2025	Sub 5
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Parameter	Result
Salmonella spp.	Not Detected per 10 g

Subcontracting partners:

- 1 - Eurofins GeneScan, Louisiana
- 2 - Eurofins Nutrition Analysis Center, Iowa
- 3 - Eurofins Central Analytical Laboratories, Louisiana
- 4 - Eurofins Food Chemistry Testing US Madison, Wisconsin
- 5 - Eurofins Microbiology Lab Madison, Wisconsin

This report contains results that were previously reported and supersedes the following: PR-25-UC-000009-01

Respectfully Submitted,



Jordan Ramsby
Microbiologist

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