

CERTIFICATE OF ANALYSIS

COMPANY	cbdMD
LOT CODE	5B198
LOT SIZE	5500 units

PRODUCT NAME	Calm Capsules 60ct Bottle
BEST BUY DATE	01/2024
RELEASE DATE	03/16/2022

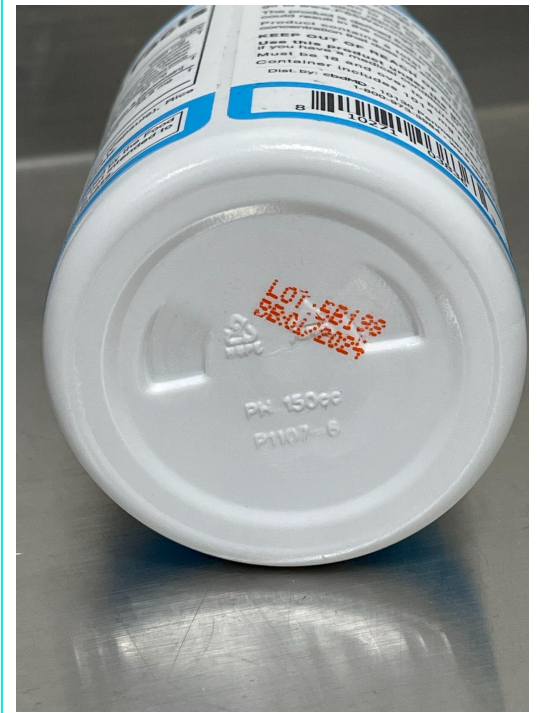
ANALYTICAL RESULTS		
ACTIVE COMPONENT	LIMIT	RESULT
Total Cannabinoids	33.4 - 40.1 mg/serving	36.5 mg/serving
THC	0.00 % (Non-Detectable)	0.00 % (Non-Detectable)
Safranal*	> 600 mcg/serving	662 mcg/serving*

Microbiological
PASS

Heavy Metals
PASS

Residual Solvents
PASS

Pesticides
PASS



Prepared By *Gentry Best*

Gentry Best - Quality Supervisor

Reviewed By *Nick Bartholomew*

Nick Bartholomew - Quality Manager

*Results calculated by material inputs

Certificate of Analysis

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Calm Capsule	Eurofins Sample:	11401525
Project ID	FACTORY_6-20220201-0005	Receipt Date	02-Feb-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	5B198	Login Date	01-Feb-2022
		Date Started	03-Feb-2022
		Sampled	Sample results apply as received
		Online Order	18797-16BC292E

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0004 %
CBDV	0.00818 %
CBDA	None detected at detection limit of 0.0004 %
CBGA	None detected at detection limit of 0.0004 %
CBG	0.391 %
CBD	2.06 %
THCV	None detected at detection limit of 0.0008 %
CBN	0.0605 %
Delta 9-THC	None detected at detection limit of 0.0008 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	None detected at detection limit of 0.0008 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	2.52 %
Total THC (THC + (THCA x 0.877))	Not Detected %
Total CBD (CBD + (CBDA x 0.877))	2.06 %

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Sample Name:	Mood Capsule	Eurofins Sample:	11401525
Project ID	FACTORY_6-20220201-0005	Receipt Date	02-Feb-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	5B198	Login Date	01-Feb-2022
		Date Started	03-Feb-2022
		Sampled	Sample results apply as received
		Online Order	18797-16BC292E

Method References

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Testing Location

Food Integrity Innovation-Brea

2951 Saturn Street, Unit C Brea, CA 92821 USA

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375

Clint Throop - Manager

Food Integrity Innovation-Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

Edward Ladwig - President Eurofins Food



Chemistry Testing Madison

2918.01

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Certificate of Analysis

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Calm Capsule	Eurofins Sample:	11513197
Project ID	FACTORY_6-20220303-0020	Receipt Date	04-Mar-2022
PO Number	na	Receipt Condition	Ambient temperature
Lot Number	5B198	Login Date	03-Mar-2022
		Date Started	10-Mar-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	18797-16D675DD

Analysis	Result
Chlormequat and Mepiquat in Hemp and Hemp-Based Products *	
Chlormequat	<100 mcg/kg
Mepiquat	<100 mcg/kg
Elements by ICP Mass Spectrometry	
Arsenic	113 ppb
Cadmium	13.2 ppb
Lead	68.0 ppb
Mercury	<5.00 ppb

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
Residual Solvent Analysis in Cannabis and Hemp Matrices			
1,2-Dichloroethane		<1.0 ppm	
2-Propanol		<500 ppm	
Acetone		<200 ppm	
Acetonitrile		<200 ppm	
Benzene		<1.0 ppm	
Chloroform		<1.0 ppm	
Ethanol		<500 ppm	
Ethyl Acetate		<500 ppm	
Ethyl Ether		<500 ppm	
Ethylene Oxide		<25.0 ppm	
Methanol		<500 ppm	
Methylene Chloride		<1.0 ppm	
n-Hexane		<30.0 ppm	

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Analysis	Limit	Result	Pass/Fail
Residual Solvent Analysis in Cannabis and Hemp Matrices			
Propane		<1000 ppm	
Toluene		<90.0 ppm	
Trichloroethylene		<1.0 ppm	
Summed Group 1 (Butanes)			
Isobutane (2-Methylpropane)		<500 ppm	
n-Butane		<500 ppm	
Sum of Butanes		<1000 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,2-Dimethylpentane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
n-Heptane		<50.0 ppm	
Sum of Heptanes		<450 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
n-Pentane		<25.0 ppm	
Sum of Petroleum Ether		<125 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
Xylenes-2 (m- p-Xylene)		<140 ppm	
Xylenes-3 (o-Xylene)		<20.0 ppm	
Sum of Xylenes		<200 ppm	

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminozide			
Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid	10 mg/kg	<0.10 mg/kg	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.			
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Abamectin	0.3 mg/kg	<0.30 mg/kg	Pass
Acephate	3 mg/kg	<0.10 mg/kg	Pass
Acequinocyl	2 mg/kg	<1.0 mg/kg	Pass
Acetamiprid	3 mg/kg	<0.10 mg/kg	Pass
Aldicarb	0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin	3 mg/kg	<0.10 mg/kg	Pass
Bifenazate	3 mg/kg	<0.10 mg/kg	Pass
Bifenthrin	0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	3 mg/kg	<0.10 mg/kg	Pass
Captan (as THPI)	3 mg/kg	<0.20 mg/kg	Pass
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorantraniliprole	3 mg/kg	<0.10 mg/kg	Pass
Chlordane, cis-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlordane, trans-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorfenapyr	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorpyrifos	0.1 mg/kg	<0.10 mg/kg	Pass
Clofentezine	0.5 mg/kg	<0.10 mg/kg	Pass
Coumaphos	0.1 mg/kg	<0.10 mg/kg	Pass
Cyfluthrin	1 mg/kg	<0.10 mg/kg	Pass
Cypermethrin	1 mg/kg	<0.10 mg/kg	Pass
Diazinon	0.2 mg/kg	<0.10 mg/kg	Pass
Dichlorvos	0.1 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Dimethoate	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethomorph (E- and Z-isomers)	3 mg/kg	<0.10 mg/kg	Pass
Ethoprophos (Ethoprop)	0.1 mg/kg	<0.10 mg/kg	Pass
Etofenprox	0.1 mg/kg	<0.10 mg/kg	Pass
Etoxazole	1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb	0.1 mg/kg	<0.10 mg/kg	Pass
Fenpyroximate	2 mg/kg	<0.10 mg/kg	Pass
Fipronil	0.1 mg/kg	<0.10 mg/kg	Pass
Fonicamid	2 mg/kg	<0.10 mg/kg	Pass
Fludioxonil	3 mg/kg	<0.10 mg/kg	Pass
Hexythiazox	2 mg/kg	<0.10 mg/kg	Pass
Imazalil	0.1 mg/kg	<0.10 mg/kg	Pass
Imidacloprid	3 mg/kg	<0.10 mg/kg	Pass
Kresoxim-methyl	1 mg/kg	<0.10 mg/kg	Pass
Malathion	2 mg/kg	<0.10 mg/kg	Pass
Metalaxyl	3 mg/kg	<0.10 mg/kg	Pass
Methiocarb	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl	0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos (E- and Z-isomers)	0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil	3 mg/kg	<0.10 mg/kg	Pass
Naled (Dibrom)	0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl	0.5 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol	0.1 mg/kg	<0.10 mg/kg	Pass
Parathion-methyl	0.1 mg/kg	<0.10 mg/kg	Pass
Permethrin (sum of isomers)	1 mg/kg	<0.10 mg/kg	Pass
Phosmet	0.2 mg/kg	<0.10 mg/kg	Pass
Piperonyl butoxide	3 mg/kg	<0.10 mg/kg	Pass
Prallethrin	0.4 mg/kg	<1.0 mg/kg	Pass
Propiconazole (sum of isomers)	1 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Propoxur	0.1 mg/kg	<0.10 mg/kg	Pass
Pyrethrum (total)	1 mg/kg	<1.0 mg/kg	Pass
Pyridaben	3 mg/kg	<0.10 mg/kg	Pass
Quintozene	0.2 mg/kg	<0.10 mg/kg	Pass
Spinetoram (spinosyns J and L)	3 mg/kg	<0.10 mg/kg	Pass
Spinosad (spinosyns A and D)	3 mg/kg	<0.10 mg/kg	Pass
Spiromesifen	3 mg/kg	<0.10 mg/kg	Pass
Spirotetramat	3 mg/kg	<0.10 mg/kg	Pass
Spiroxamine (2 diastereoisomers)	0.1 mg/kg	<0.10 mg/kg	Pass
Tebuconazole	1 mg/kg	<0.10 mg/kg	Pass
Thiacloprid	0.1 mg/kg	<0.10 mg/kg	Pass
Thiamethoxam	1 mg/kg	<0.10 mg/kg	Pass
Trifloxystrobin	3 mg/kg	<0.10 mg/kg	Pass
The Pass/Fail reporting designations are relative to the limits set for by Florida Administrative Code Rule 5K-4.034		-	
Prallethrin reporting limit is higher than Florida action level, but EPA tolerance is 1 ppm.		-	

Method References	Testing Location
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Chlormequat and Mepiquat in Hemp and Hemp-Based Products (PS_QUAT_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Eurofins Developed Method

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Method References

Testing Location

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034 (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

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Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Madison****Edward Ladwig - President Eurofins Food
Chemistry Testing Madison**

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



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CTLA ID: 48241
 Date Received: 3/7/2022
 Sample Name: Calm Capsule
 Lot Number: 5B198
 Customer: Factory 6

Analysis	Method	MDL Specification	Result	Units
Rapid Complete Micro				
Total Plate Count	USP <2021>	100 ≤1,000	<100	cfu/g
Total Coliforms	USP <2021>	10 Report	<10	cfu/g
<i>E. coli</i>	USP <2022>	Negative	Negative	
<i>Salmonella</i>	USP <2022>	Negative	Negative	
<i>Staphylococcus aureus</i> <2022>	USP <2022>	Report	Negative	
Rapid Yeast and Mold	AOAC 2014.05	10 ≤100	<10	cfu/g

3/10/2022
DATE



Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.