

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Softgels with Melatonin
PRODUCT STRENGTH: 25 mg CBD / 3 mg Melatonin / 3mg CBN
SOFTGEL BATCH: 22062C
BEST BY DATE: 01/17/2024
BULK LOT: 22BL04374

Click on the links to view third-party reports

Physical Attributes

Test	Method	Specification	Results
Color	Internal	Golden to Amber	PASS
Odor	Internal	No Odor	PASS
Appearance	Internal	Dry, ovoid softgel capsules in container with lid and shrink-band	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	Internal	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV DAD	LOQ*: ≥ product strength mg / bottle	32.8 mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% THC (Broad Spectrum)	Below LOQ	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 **CFU/25 gram	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ² CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ² CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ³ CFU/gram	Below LOQ	PASS
Heavy Metals	ICP-MS	Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb†† Afltoxin B1 < 5 ppb Ochratoxin < 5 ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS

*Level of Quantification
 **Colony Forming Units per Gram
 † Parts Per Million †† Part Per Billion

Values expressed in scientific notation.
 Examples:
 10²=100
 10³=1,000

Quality Certified Keegan Schlittler 03/07/2022
 Keegan Schlittler Date
 Quality Assurance Manager

Certificate of Analysis

Sample Name:	25mg Sleep	Eurofins Sample:	11373568
Project ID	LACORE_NUT-20220124-0001	Receipt Date	25-Jan-2022
PO Number		Receipt Condition	Ambient temperature
Lot Number	22BL04374	Login Date	24-Jan-2022
Sample Serving Size	1 Softgel	Date Started	25-Jan-2022
		Sampled	Sample results apply as received
		Number Composited	10
		Online Order	19321-16B19594

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0042 %
CBDV	<0.250 mg/g
CBDA	None detected at detection limit of 0.0042 %
CBGA	None detected at detection limit of 0.0042 %
CBG	5.28 mg/g
CBD	87.1 mg/g
THCV	None detected at detection limit of 0.0083 %
CBN	9.55 mg/g
Delta 9-THC	None detected at detection limit of 0.0083 %
Delta 8-THC	None detected at detection limit of 0.0167 %
THCA	None detected at detection limit of 0.0167 %
CBC	<0.250 mg/g
THCVA	None detected at detection limit of 0.0042 %
CBNA	None detected at detection limit of 0.0042 %
CBCA	None detected at detection limit of 0.0167 %
CBL	None detected at detection limit of 0.0042 %
Total Cannabinoids	102 mg/g
Total THC (THC + (THCA x 0.877))	Not Detected mg/g
Total CBD (CBD + (CBDA x 0.877))	87.1 mg/g
Calculated Sample Weight *	
Entity Weight	0.5553 g

* This analysis or component is not ISO accredited.

Certificate of Analysis

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Analysis	Result		
Calculated Sample Weight *			
Entity Fill Weight	0.3771 g		
Entity Weight	0.5553 g		
Aerobic Plate Count *			
Aerobic Plate Count	<100 CFU/g		
E. coli *			
Escherichia Coli	Absent /25 g		
Salmonella USP *			
Salmonella	Absent /25 g		
Staphylococcus *			
Staphylococcus Aureus	Absent /25 g		
Yeast and Mold Count *			
Combined Yeast and Mold Count	<100 CFU/g		
Preparatory Testing of Nutritional and Dietary Supplements *			
Salmonella Suitability Result	PASS		
Staphylococcus Suitability Result	PASS		
E. coli Suitability Result	PASS		
Aerobic Plate Suitability Result	PASS		
Total Combined Yeast-Molds Count	PASS		
Elements by ICP Mass Spectrometry			
Arsenic	<0.0000100 mg/g		
Cadmium	<0.00000500 mg/g		
Lead	<0.00000500 mg/g		
Mercury	<0.00000500 mg/g		
Analysis	Limit	Result	Pass/Fail

Mycotoxins in Raw Materials

Aflatoxin B1	<0.00000100 mg/g
Aflatoxin B2	<0.00000100 mg/g
Aflatoxin G1	<0.00000100 mg/g
Aflatoxin G2	<0.00000100 mg/g

* This analysis or component is not ISO accredited.

SG25M

Batch ID or Lot Number: 22062C	Test: Microbial Contaminants	Reported: 3/7/22	
Matrix: Finished Product	Test ID: T000196000	Started: 3/2/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 03/02/2022 @ 10:54 AM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
STEC	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	

Brianne Maillot
 Brianne Maillot
 3/5/2022
 2:09:00 PM

Eden Thompson
 Eden Thompson-Wright
 3/7/2022
 9:12:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Certificate of Analysis

Sample Name:	25mg Sleep	Eurofins Sample:	11373568
Project ID	LACORE_NUT-20220124-0001	Receipt Date	25-Jan-2022
PO Number		Receipt Condition	Ambient temperature
Lot Number	22BL04374	Login Date	24-Jan-2022
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		Number Composited	10
		Online Order	19321-16B19594

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Ochratoxin A	20 ppb	<0.0000100 mg/g	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Abamectin	0.3 mg/kg	non-analyzable	
Acephate	5 mg/kg	<0.00010 mg/g	Pass
Acequinocyl	4 mg/kg	<0.0010 mg/g	Pass
Acetamiprid	5 mg/kg	<0.00010 mg/g	Pass
Aldicarb	0.1 mg/kg	<0.00010 mg/g	Pass
Aldicarb sulfone (Aldoxycarb)	0.1 mg/kg	<0.00010 mg/g	Pass
Aldicarb sulfoxide	0.1 mg/kg	<0.00010 mg/g	Pass
Azoxystrobin	40 mg/kg	<0.00010 mg/g	Pass
Bifenazate	5 mg/kg	<0.00010 mg/g	Pass
Bifenthrin	0.5 mg/kg	<0.00010 mg/g	Pass
Boscalid	10 mg/kg	<0.00010 mg/g	Pass
Captan	5 mg/kg	<0.00020 mg/g	Pass
Carbaryl	0.5 mg/kg	<0.00010 mg/g	Pass
Carbofuran	0.1 mg/kg	<0.00010 mg/g	Pass
Carbofuran-3-hydroxy-	0.1 mg/kg	<0.00010 mg/g	Pass
Chlorantraniliprole	40 mg/kg	<0.00010 mg/g	Pass
Chlordane, cis-	0.1 mg/kg	<0.00010 mg/g	Pass
Chlordane, trans-	0.1 mg/kg	<0.00010 mg/g	Pass
Chlorfenapyr	0.1 mg/kg	<0.00010 mg/g	Pass
Chlorpyrifos	0.1 mg/kg	<0.00010 mg/g	Pass
Clofentezine	0.5 mg/kg	<0.00010 mg/g	Pass
Coumaphos	0.1 mg/kg	<0.00010 mg/g	Pass
Cyfluthrin	1 mg/kg	<0.00010 mg/g	Pass
Cypermethrin	1 mg/kg	<0.00010 mg/g	Pass
Diazinon	0.2 mg/kg	<0.00010 mg/g	Pass
Dichlorvos	0.1 mg/kg	<0.00010 mg/g	Pass

* This analysis or component is not ISO accredited.

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Dimethoate	0.1 mg/kg	<0.00010 mg/g	Pass
Dimethomorph	20 mg/kg	<0.00010 mg/g	Pass
Ethoprophos	0.1 mg/kg	<0.00010 mg/g	Pass
Etofenprox	0.1 mg/kg	<0.00010 mg/g	Pass
Etoxazole	1.5 mg/kg	<0.00010 mg/g	Pass
Fenoxycarb	0.1 mg/kg	<0.00010 mg/g	Pass
Fenpyroximate	2 mg/kg	<0.00010 mg/g	Pass
Fipronil	0.1 mg/kg	<0.00010 mg/g	Pass
Fipronil desulfinyl	0.1 mg/kg	<0.00010 mg/g	Pass
Fipronil sulfone	0.1 mg/kg	<0.00010 mg/g	Pass
Fonicamid	2 mg/kg	<0.00010 mg/g	Pass
Fludioxonil	30 mg/kg	<0.00010 mg/g	Pass
Hexythiazox	2 mg/kg	<0.00010 mg/g	Pass
Imazalil	0.1 mg/kg	<0.00010 mg/g	Pass
Imidacloprid	3 mg/kg	<0.00010 mg/g	Pass
Kresoxim-methyl	1 mg/kg	<0.00010 mg/g	Pass
Malathion	5 mg/kg	<0.00010 mg/g	Pass
Metalaxyl	15 mg/kg	<0.00010 mg/g	Pass
Methiocarb	0.1 mg/kg	<0.00010 mg/g	Pass
Methiocarb sulfone	0.1 mg/kg	<0.00010 mg/g	Pass
Methiocarb sulfoxide	0.1 mg/kg	<0.00010 mg/g	Pass
Methomyl	0.1 mg/kg	<0.00010 mg/g	Pass
Mevinphos	0.1 mg/kg	<0.00010 mg/g	Pass
Myclobutanil	9 mg/kg	<0.00010 mg/g	Pass
Naled	0.5 mg/kg	<0.00010 mg/g	Pass
Oxamyl	0.2 mg/kg	<0.00010 mg/g	Pass
Paclobutrazol	0.1 mg/kg	<0.00010 mg/g	Pass
Methyl parathion	0.1 mg/kg	<0.00010 mg/g	Pass
Pentachloroaniline	0.2 mg/kg	<0.00010 mg/g	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Pentachlorobenzene	0.2 mg/kg	<0.00010 mg/g	Pass
Pentachlorobenzonitrile	0.2 mg/kg	<0.00010 mg/g	Pass
Pentachlorothioanisole	0.2 mg/kg	<0.00010 mg/g	Pass
Permethrin	20 mg/kg	<0.00010 mg/g	Pass
Phosmet	0.2 mg/kg	<0.00010 mg/g	Pass
Piperonylbutoxide	8 mg/kg	<0.00010 mg/g	Pass
Prallethrin	0.4 mg/kg	<0.0010 mg/g	Pass
Propiconazole (sum of isomers)	20 mg/kg	<0.00010 mg/g	Pass
Propoxur	0.1 mg/kg	<0.00010 mg/g	Pass
Pyrethrins	1 mg/kg	<0.0010 mg/g	Pass
Pyridaben	3 mg/kg	<0.00010 mg/g	Pass
Pentachloronitrobenzene	0.2 mg/kg	<0.00010 mg/g	Pass
Spinetoram	3 mg/kg	<0.00010 mg/g	Pass
Spinosad	3 mg/kg	<0.00010 mg/g	Pass
Spiromesifen	12 mg/kg	<0.00010 mg/g	Pass
Spirotetramat	13 mg/kg	<0.00010 mg/g	Pass
Spiroxamine	0.1 mg/kg	<0.00010 mg/g	Pass
Tebuconazole	2 mg/kg	<0.00010 mg/g	Pass
Thiacloprid	0.1 mg/kg	<0.00010 mg/g	Pass
Thiamethoxam	4.5 mg/kg	<0.00010 mg/g	Pass
Trifloxystrobin	30 mg/kg	<0.00010 mg/g	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	
Prallethrin reporting limit is higher than BCC action level, but EPA tolerance is 1 ppm.		-	
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside			
Daminozide	0.1 mg/kg	<0.00010 mg/g	Pass
Fenhexamid	10 mg/kg	<0.00010 mg/g	Pass

* This analysis or component is not ISO accredited.

Certificate of Analysis

Sample Name:	25mg Sleep	Eurofins Sample:	11373568
Project ID	LACORE_NUT-20220124-0001	Receipt Date	25-Jan-2022
PO Number		Receipt Condition	Ambient temperature
Lot Number	22BL04374	Login Date	24-Jan-2022
Sample Serving Size	1 Softgel	Date Started	25-Jan-2022
		Sampled	Sample results apply as received
		Number Composited	10
		Online Order	19321-16B19594

Analysis	Limit	Result	Pass/Fail
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Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

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Method References

Testing Location

Aerobic Plate Count (USPC2021)

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

Calculated Sample Weight (PREP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

E. coli (USPE2022)

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

* This analysis or component is not ISO accredited.

Certificate of Analysis

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).

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

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

Multi-Residue Analysis for hemp products - BCC Pesticide List (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 - 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.

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).

Preparatory Testing of Nutritional and Dietary Supplements (USPA_PT)

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

* This analysis or component is not ISO accredited.

Printed: 04-Feb-2022 9:32 pm

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Certificate of Analysis

Method References	Testing Location
<p>Preparatory Testing of Nutritional and Dietary Supplements (USPC_PT)</p> <p>USP Current revision, Chapter 2022. To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix. **Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Preparatory Testing of Nutritional and Dietary Supplements (USPE_PT)</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Preparatory Testing of Nutritional and Dietary Supplements (USPM_PT)</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Preparatory Testing of Nutritional and Dietary Supplements (USPS_PT)</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Salmonella USP (USPS2022)</p> <p>USP Current revision, Chapter 2022. To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix. **Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Staphylococcus (USPA2022)</p> <p>USP Current revision, Chapter 2022. To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix. **Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Yeast and Mold Count (USPM2021)</p> <p>USP Current revision, Chapter 2021. To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix. **Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.</p>	<p>Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>

Certificate of Analysis

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



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Analytical Report

Report Date: 02/01/2022

Work Order: CHSG220118-016

Received Date: 01/18/2022

P.O. #:

Comments:

Sample Num: 22CH00469


Lot Number: 22BL04374

Client Sample Num: Joy Organic 25mg Sleep

Comments:

<u>Analysis</u>	<u>Method Reference</u>	<u>Result</u>	<u>Unit</u>	<u>Analysis Date</u>	<u>Approval Date</u>
Melatonin	USP Assay Melatonin	3.35	mg/svg	01/27/2022	01/31/2022

Reviewed by:


Cheri Turman, PhD., Vice President



C0207-001

sample ID 25809

7USC1639 Certificate of Analysis

Stillwater Laboratories

This Product Has Been Tested and Complies with 7USC1639o(1)

certificate ID 1BJ61

total cannabinoids 93.01%

THC total ND CBD total 87.33% terpenes

MSP-7513

order 9806

analysis date 2/11/2021 12:21:52 PM

test tag 9806 2

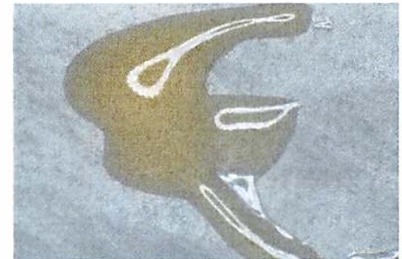
sample wgt

extract

Inspection MSP-7512

DESCRIPTION: Concentrate sample received in a client-labeled bottle, by commercial courier. Labeled 25809 and sample tag 9806 2

- caryophyllene, humulene, terpinolene, ocimene, beta pinene, alpha pinene, limonene, myrcene, linalool



Potency per

Table with columns: Component, LOD, LOQ, Error (95% CI, k=2). Rows include THC, CBD, and various cannabinoids.

Terpenes

MSP-7513

† = decarbed NT = not tested NIL = no limit ND = not detected LOD = detection limit LOQ = quantitation limit

Main testing results table with columns: Category, Method, Result, Limit. Includes Microbial, Solvents, Metals, Pesticides, and Terpenes.

INSTRUMENTS: potency: HPLC (LC2030C-UV), terpenes: GCMS (QP2020HS20), solvents: GCMS (QP2020HS20), pesticides: LCMSMS (LC8060), mycotoxins: LCMSMS (LC8060), microbial: qPCR (AriaMx) and plating, metals: ICPMS (ICPMS-2030)

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by: [Signature]

Kyle Larson, MSc (Biology) Deputy Director

Stillwater Laboratories Inc. MT License L00001, 7. 8 6073 US93N Suite 5 Olney MT 59927 406-881-2019

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