

Certificate of Analysis

Document No: F 14.008

Revision: 001

CBGenius, Ltd

Product Description

Product	Chromene Athletic
SKU	C2KCAL
Product Form	2 oz jar
Packaging, Closure	White cap, protective liner
Storage Condition	RT
Lot #	CBD-CBC-AL-220623

Physical

Attribute	Method/SOP	Specification	Test Result
Product Color	Organoleptic	Blue	Pass
Product Odor	Organoleptic	Menthol	Pass
Product Weight Variation	Sample	51-54 g	Pass

Purity/Strength

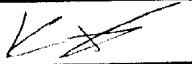
Ingredients	Label Claim	Specification	Test Result
CBD	2000 mg/50g	3.40% to 4.9%	4.79%
CBC	1000 mg/50 g	1.50 to 2.5%	1.54%
THC	< 0.3%	< 0.3%	<0.01%
Other ingredients	Shea Butter, Coconut Oil, Lotion Base, Menthol		

Identification/Chemical/Heavy Metals

Attribute	Method	Specification	Test Result
Identity	HPLC	Matches reference std	Matches reference
CBD	HPLC	>3.8%	4.79%
CBC	HPLC	>1.9%	1.54%
Arsenic	ICPMS per USP 2232	<2000 PPB	<51 PPB
Cadmium	ICPMS per USP 2232	<820 PPB	<51 PPB
Mercury	ICPMS per USP 2232	<400 PPB	<51 PPB
Lead	ICPMS per USP 2232	<1200 PPB	<51 PPB

Microbiology

Attribute	Method	Specification	Test Result
Total Aerobic	USP/AOAC/FDA BAM	< 1x 10 ³ CFU/g	None Detected
Total Yeast & Mold	USP/AOAC/FDA BAM	< 1x 10 ² CFU/g	None Detected
Bile Tolerant gram neg.	USP/AOAC/FDA BAM	< 1x 10 ² CFU/g	None Detected
E. coli	USP/AOAC/FDA BAM	None Detected	None Detected

QA Approval:		Date:	7/7/2022
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Certificate of Analysis

Document No: F 14.008

CBGenius, Ltd

Revision: 001

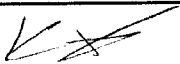
COA Page 2

Residual Solvent Analysis

Attribute	Method	Specification	Status
Butanes	GC	<500 ppm	Pass
Ethanol	GC	<500 ppm	Pass
Heptanes	GC	<500 ppm	Pass
Propane	GC	<500 ppm	Pass

Pesticide Analysis

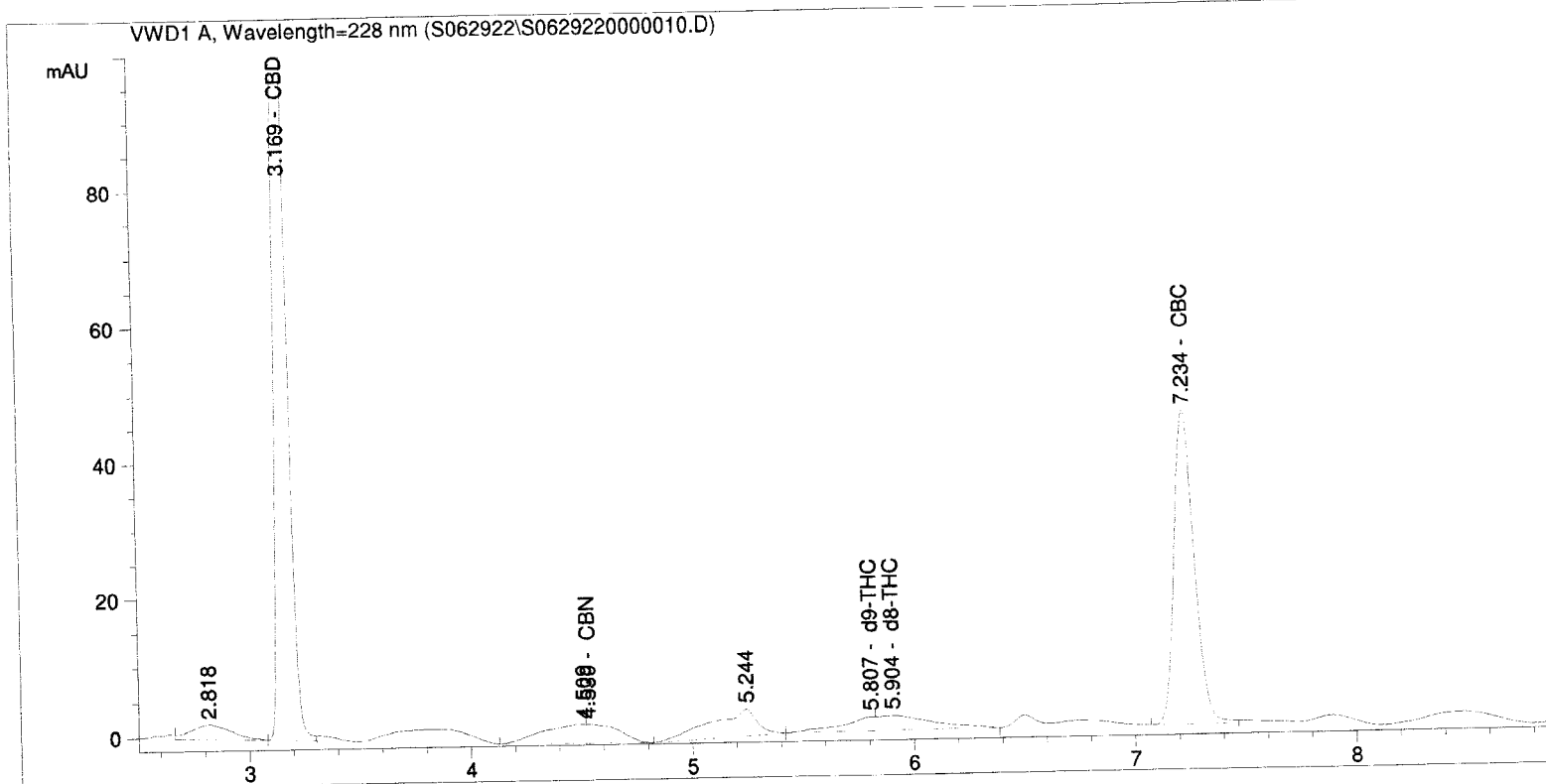
Attribute	Method	Limit	Status
Abamectin	GC-FID	200	Pass
Acequinocyl	GC-FID	4000	Pass
Bifenazate	GC-FID	400	Pass
Bifenthrin	GC-FID	100	Pass
Cyfluthrin	GC-FID	2000	Pass
Cypermethrin	GC-FID	1000	Pass
Daminozide	GC-FID	800	Pass
Dimethomorph	GC-FID	2000	Pass
Eoxazole	GC-FID	400	Pass
Fenhexamid	GC-FID	1000	Pass
Flonicamid	GC-FID	1000	Pass
Fludioconil	GC-FID	500	Pass
Imidacloprid	GC-FID	500	Pass
Myclobutanil	GC-FID	400	Pass
Paclobutrazol	GC-FID	400	Pass
Piperonyl Butoxid	GC-FID	3000	Pass
Pyrethrins	GC-FID	2000	Pass
Quintozene	GC-FID	800	Pass
Spinetoram	GC-FID	1000	Pass
Spinosad	GC-FID	1000	Pass
Spirotetramat	GC-FID	1000	Pass
Thiamethoxam	GC-FID	400	Pass
Triflozystrobin	GC-FID	1000	Pass
Plant Growth Regulators	GC-FID	50	Pass

QA Approval:		Date:	7/7/2022
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```
=====
Acq. Operator   : SF                               Seq. Line :   10
Acq. Instrument : Instrument 1                     Location  : Vial 9
Injection Date  : 6/29/2022 5:28:27 AM             Inj       :    1
                                                    Inj Volume: 5.0 µl

Acq. Method     : C:\CHEM32\1\METHODS\ARCHIVE METHODS\POTENCY_2022.M
Last changed    : 6/29/2022 3:43:02 AM by SF
Analysis Method : C:\CHEM32\1\METHODS\POTENCY_2022.M
Last changed    : 7/4/2022 2:28:25 PM by SF
                  (modified after loading)

Method Info     : Cannabinoid Potency 9 minutes
                  Cal Jan 2022
=====
```



ESTD Percent Report

```
=====
Sorted By      : Signal
Calib. Data Modified : 7/4/2022 2:13:41 PM
Multiplier:    : 1.0000
Dilution:      : 10.5000
Sample Amount: : 14.50000 [mg/ml]
Do not use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=228 nm

RetTime [min]	Type	Area mAU	Amt/Area *	Amount %	Grp	Name
1.627		-	-	-		Ibuprofen IS
2.983		-	-	-		CBG
3.169	BV	541.04620	1.22323e-4	4.792504		CBD
3.393		-	-	-		THCV
4.530	VB	28.02703	5.73585e-5	0.116411		CBN
5.807	BV	21.16196	5.06183e-5	7.75684e-2		d9-THC

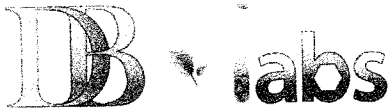
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount %	Grp	Name
5.904	VB	39.01130	1.28759e-5	3.63737e-2		d8-THC
6.761		-	-	-		CBL
7.234	BV	289.48669	9.81763e-5	2.058054		CBC
7.664		-	-	-		THCA
12.000		-	-	-		CBT

Totals : 7.080911

1 Warnings or Errors :

Warning : Time reference compound(s) not found

*** End of Report ***



Certificate of Analysis

Powered by Confident Cannabis

PPM

Welby, CO 80229

info@precisionplantmolecules.com

Sample: 2111DBL0322.11236

METRC Sample:

Lic. #

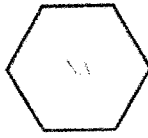
Strain: CBC
Ordered: 11/30/2021; Sampled: 12/01/2021; Completed: 12/09/2021

CBC-21-017

Concentrates & Extracts, Cannabinoid Isolate, Other



Pesticides



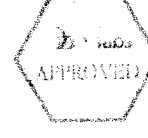
Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

<LOQ
Total Terpenes

Compound	Mass %	Mass mg/g
α -Bisabolol	<LOQ	<LOQ
α -Humulene	<LOQ	<LOQ
α -Pinene	<LOQ	<LOQ
α -Terpinene	<LOQ	<LOQ
β -Caryophyllene	<LOQ	<LOQ
β -Myrcene	<LOQ	<LOQ
β -Pinene	<LOQ	<LOQ
Camphene	<LOQ	<LOQ
Caryophyllene Oxide	<LOQ	<LOQ
cis-Nerolidol	<LOQ	<LOQ
cis-Ocimene	<LOQ	<LOQ
δ -3-Carene	<LOQ	<LOQ
δ -Limonene	<LOQ	<LOQ
Eucalyptol	<LOQ	<LOQ
γ -Terpinene	<LOQ	<LOQ
Geraniol	<LOQ	<LOQ
Guaiol	<LOQ	<LOQ
Isopulegol	<LOQ	<LOQ
Linalool	<LOQ	<LOQ
p-Cymene	<LOQ	<LOQ
Terpinolene	<LOQ	<LOQ
trans-Nerolidol	<LOQ	<LOQ
trans-Ocimene	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.13 UHPLC/PDA

<LOQ
Total THC

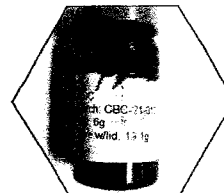
<LOQ
Total CBD

NT
Moisture: Not Tested

99.900%
Total Cannabinoids

Compound	Mass %	Mass mg/g	Relative Concentration
CBC	99.900	999.00	
CBCa	<LOQ	<LOQ	
CBD	<LOQ	<LOQ	
CBDa	<LOQ	<LOQ	
CBDV	<LOQ	<LOQ	
CBDVa	<LOQ	<LOQ	
CBG	<LOQ	<LOQ	
CBGa	<LOQ	<LOQ	
CBL	<LOQ	<LOQ	
CBN	<LOQ	<LOQ	
Δ 8-THC	<LOQ	<LOQ	
Δ 9-THC	<LOQ	<LOQ	
THCa	<LOQ	<LOQ	
THCV	<LOQ	<LOQ	
THCVa	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ 9-THC + Δ 8-THC; Total CBD = CBDa * 0.877 + CBD



Benjamin G.M. Chew, Ph.D.
Benjamin G.M. Chew, Ph.D.
Laboratory Director

Glen Marquez
Glen Marquez
Quality Control

This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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Las Vegas, NV
(702) 728-5180
www.dblabslv.com



Certificate of Analysis

Powered by Confident Cannabis

PPM

Welby, CO 80229

info@precisionplantmolecules.com

Sample: 2111DBL0322.11236

METRC Sample:

Lic. #

Strain: CBC
Ordered: 11/30/2021; Sampled: 12/01/2021; Completed: 12/09/2021

CBC-21-017

Concentrates & Extracts, Cannabinoid Isolate, Other



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	Mass	Status
	PPB	
Abamectin	<LOQ	Pass
Acequinocyl	<LOQ	Pass
Bifenazate	<LOQ	Pass
Bifenthrin	<LOQ	Pass
Cyfluthrin	<LOQ	Pass
Cypermethrin	<LOQ	Pass
Daminozide	<LOQ	Pass
Dimethomorph	<LOQ	Pass
Etoxazole	<LOQ	Pass
Fenhexamid	<LOQ	Pass
Flonicamid	<LOQ	Pass
Fludioxonil	<LOQ	Pass
Imidacloprid	<LOQ	Pass
Myclobutanil	<LOQ	Pass
Paclobutrazol	<LOQ	Pass
Piperonyl Butoxide	<LOQ	Pass
Pyrethrins	<LOQ	Pass
Quintozene	<LOQ	Pass
Spinetoram	<LOQ	Pass
Spinosad	<LOQ	Pass
Spirotetramat	<LOQ	Pass
Thiamethoxam	<LOQ	Pass
Trifloxystrobin	<LOQ	Pass
Plant Growth Regulators	<LOQ	Pass

Microbials

Analyzed by 300.1 Plating/QPCR

Not Tested

Quantitative Analysis	Mass	Status
Qualitative Analysis	Detected or Not Detected	Status

Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	Mass	Status
	PPB	
Aflatoxins	<LOQ	Pass
Ochratoxin A	10.7	Pass

Heavy Metals

Analyzed by 300.6 ICP/MS

Pass

Element	Mass	Status
	PPB	
Arsenic	<LOQ	Pass
Cadmium	<LOQ	Pass
Lead	<LOQ	Pass
Mercury	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	Mass	Status
	PPM	
Butanes	<LOQ	Pass
Ethanol	<LOQ	Tested
Heptanes	<LOQ	Pass
Propane	<LOQ	Pass



Benjamin G.M. Chew, Ph.D.
Benjamin G.M. Chew, Ph.D.
Laboratory Director

Glen Marquez
Glen Marquez
Quality Control

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Brookfoot House, Low Lane, Horsforth,
LS18 5PU LEEDS
Tel : 01132050900
www.StephensonPersonalCare.com

Certificate Of Analysis

Product FLI0082
EASY LOTION 1000KG IBC

Batch number 163905

Sales Order Number 080188

Date Of Manufacture 17/12/2020

Expiry: 18/06/2022

Quality Control Test	Test Method	Test Result
NVS (Ohaus) (23%-28%)	BAM18B	23.29
pH Measurement (5-6)	BAM38	5.56
Viscosity (75000-125000)	BAM41	119200
White Viscous Lotion	BAM36	Pass

I certify that the product detailed above has been inspected and tested and conforms in all respects to the relevant specification and that the details of Quality Control testing are as above & manufactured in UK

Certificat d'analyse / Certificate of analysis

Batch nr : 0000040297

Date : 21.12.2021

Reference : 1606160000021

**BEURRE DE KARITÉ 1ÈRE PRESSION RAFFINÉ
SHEA BUTTER PRESSED AND REFINED
TrueShea**

Lot # 113159

Caractéristiques physico-chimiques / Analytical characteristics	METHODES	NORMES	RESULTATS
Caractères organoleptiques / Organoleptic characters	Interne / Internal	Beurre solide/Solid butter	Conforme
Point de fusion en °C / Melting point in °C	AOCS Cc3b-92	34 - 44	35
Gardner / Colour	Gardner	INTERNE/INTERNAL	1.6
Couleur Lovibond 5 1/4 jaune / Colour inch cell Lovibond 5 1/4 yellow	NEN 6308 - NEN 6310	0.0 - 20.0	7.4
Couleur Lovibond 5 1/4 rouge / Colour inch cell Lovibond 5 1/4 red	NEN 6310 - NEN 6308	0.0 - 2.0	1.4
Indice de réfraction à 40°C / Refractive index at 40°C	PE 2.2.6	1.460 - 1.475	1.463
Indice d'acide en mg KOH/g / Acid value in mg KOH/g	PE 2.5.1	0.00 - 0.50	0.20
Teneur en eau en % / Water content in %	PE 2.5.32	0.00 - 0.10	0.01
Indice d'iode / Iodine value	PE 2.5.4	52 - 68	62
Indice de peroxyde en még O2/Kg / Peroxide value in még O2/Kg	PE 2.5.5	0.0 - 10.0	0.0
Teneur en insaponifiable en % / Unsaponifiable matter in %	PE 2.5.7	Min 4.0	5.2

Répartition des acides gras (%) / Fatty acid composition (in %)	METHODES	NORMES	RESULTATS
Acides gras trans / Trans fatty acids	PE 2.4.22	0.0 - 2.0	0.2
C12:0 (acide laurique / lauric)		0.0 - 1.0	0.0
C14:0 (acide myristique / myristic)		0.0 - 1.0	TRACES
C16:0 (acide palmitique / palmitic)		3.0 - 8.0	3.2
C18:0 (acide stéarique / stearic)		36.0 - 50.0	42.5
C18:1 (acide oléique / oleic)		40.0 - 50.0	45.5
C18:2 (acide linoléique / linoleic)		4.0 - 8.0	6.3
C18:3 (acide linoléique / linolenic)		0.0 - 1.0	0.2
C20:0 (acide arachidique / arachidic)		0.0 - 2.0	1.5
C20:1 (acide gadoléique / eicosenoic)		0.0 - 1.0	0.4
C22:0 (Acide béhenique / behenic)		0.0 - 1.0	0.2
C22:1 (acide érucique / erucic)		0.0 - 2.0	0.0
C24:0 (acide lignocérique / lignoceric)		0.0 - 1.0	0.1

N.D. = Non déterminé / Not Determined

Date de fabrication / Date of manufacturing : 12/2021

DLUO / Best before : 12/2023

Conservation dans le récipient original bien rempli et fermé, à l'abri de la lumière et de la chaleur.

Keep in a dark cool place in the original full closed drum or container.

Document informatique validé par le service qualité / computer edited document validated by quality department

**CERTIFICATE OF ANALYSIS
FRACTIONATED COCONUT OIL**

Gracefruit Ltd

Customer:	Gracefruit Limited	Order No:	-
		Batch No:	KMO7479
Date:	10.11.2016	Code No:	-

Description: A light coloured, low viscosity oil, containing the tri-glycerides of medium chain, saturated fatty acids mainly C-8 (Caprylic) and C-10 (Capric).

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.2 maximum	0.022
Iodine Value (gI ₂ /100g)	1.0 maximum	0.1
Hydroxyl Value (mg KOH/g)	10 maximum	1.0
Saponification Value (mg KOH/g)	310 - 360	332.11
Unsaponifiable Matter (%)	0.5 maximum	< 0.5
Peroxide Value (meq O ₂ /kg)	1.0 maximum	0.1
Specific Gravity @ 20°C	0.930 – 0.960	0.945
Refractive Index	1.440 – 1.452	1.448
Alkaline Impurities (ml 0.01m HCl)	0.15 maximum	< 0.15
Heavy Metals (ppm)	10.0 maximum	< 10
Water Content (%)	0.2 maximum	Complies
Loss on Drying (%)	0.5 maximum	< 0.5
Sulphated Ash	0.1 maximum	< 0.1

FATTY ACID COMPOSITION (%)		
C6:0 Caproic Acid	2.0 maximum	<2.0
C8:0 Caprylic Acid	50 - 80	59.4
C10:0 Capric Acid	20 - 50	40.4
C12:0 Lauric Acid	3.0 maximum	<3.0
C14:0 Myristic Acid	1.0 maximum	<1.0

Date of Manufacture: March 2016
Date of Expiry: March 2018

This COA is produced electronically therefore no signature is required.

Certificate of Analysis

Product: MCT Coconut Based USP/NF
Package Size: 418.874 # DRUM

Certification Date: January 12, 2022
Manufacture Date: September 6, 2021
Recertification Date: September 5, 2023

Lot # 113364

KCC Number: 306182

Batch Number: BTA2109118

THE FOLLOWING VALUES HAVE BEEN PROVIDED BY THE MANUFACTURER OF THIS PRODUCT.

Characteristic	Specification	Result
Appearance	Clear, light-yellow liquid	Clear, light-yellow liquid
Taste	Characteristic	Characteristic
Color APHA	50 max	28
Acid value, mg KOH/g	0.1 max	0.04
Moisture %	0.1 max	0.01
Peroxide Value, mEq/kg	1 max	0.00
Saponification Value, mg KOH/g	300 – 350	335.42
Iodine Value, g I ₂ /100g	To report	0.02
Density @ 25°C	0.89 – 0.94	0.94
Fatty Acid Composition, %		
C6	2 max	0.57
C8	55 – 70	64.23
C10	29 – 45	33.00
C12	3 max	2.21
Microbiological, CFU/gram		
Aerobic Plate Count	100 Max	< 10
E.coli / Coliform Count	10 Max	< 10 / <10
Yeast and Mold Count	10 Max	< 10
Salmonella	Negative	Negative
Staphylococcus Aureus Count	Negative	Negative

Quality Approved
January 12, 2022

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Report: COA Evaluation Summary

PRE
LABORATORIES

OLCC License No. 1019702BDA | OREDAF ID: 4147

644 SW Third Street, Portland, OR 97204 | 503-247-8012 | info@pre-labs.com | pre-labs.com

For OLCC/OHA Compliance Purposes.

Product Description

Client: Precision Plant Molecules

Product Name: CBD-21-014

Matrix: Hemp Concentrate

Metro Source ID: n/a

Metro Package ID: n/a

License Number: n/a

Date Collected: 2021-07-06

Date Received: 2021-07-06

Report Date: 2021-07-08

Report ID: A4056-02

Tests Requested: Cannabinoid Potency Analysis
Pesticide Analysis
Residual Solvent Analysis

Evaluation Summary

Moisture Analysis

Test Not Required

Cannabinoid Potency Analysis

Total THC

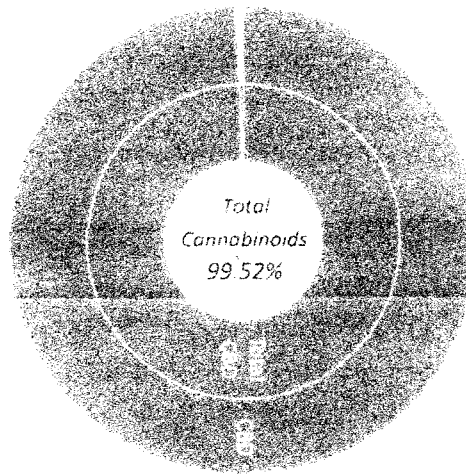
< LOQ

< LOQ

Total CBD

99.15 %

991.5 mg/g



Abrv.	Dry Wt. %	Dry Wt. mg/g
THCA	< LOQ	< LOQ
Δ^9 -THC	< LOQ	< LOQ
Δ^8 -THC	< LOQ	< LOQ
THCV	< LOQ	< LOQ
CBDA	< LOQ	< LOQ
CBD	99.15 %	991.5 mg/g
CBGA	< LOQ	< LOQ
CBG	< LOQ	< LOQ
CBDVA	< LOQ	< LOQ
CBDV	0.38 %	3.8 mg/g
CBN	< LOQ	< LOQ
CBL	< LOQ	< LOQ
CBC	< LOQ	< LOQ

Pesticide Analysis

Pesticide Status

Pass

No Pesticides Were Detected above Oregon's action limit as stated in OAR 333-007-0400

Report: Evaluation Detail



OLCC License No. 10067092BDA | ORELAP ID: 4147
8475 S. Union Street, Corvallis OR 97331 | 503.257.5012 | services@orelap.com | orelap.com

For OLCC/OHA Compliance Purposes.

Moisture Analysis

Evaluation Detail

Moisture Analysis	Test Not Requested/Required
-------------------	-----------------------------

Cannabinoid Potency Analysis

Evaluation Detail

Cannabinoid Potency Analysis	Compound	Abbr.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *	Tetrahydrocannabinolic acid	THCA	< LOQ	< LOQ	0.2 %
LOQ	Delta9 Tetrahydrocannabinol	Δ-9-THC	< LOQ	< LOQ	0.2 %
< LOQ	Delta8 Tetrahydrocannabinol	Δ-8-THC	< LOQ	< LOQ	0.2 %
	Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.2 %
Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.2 %
99.15 %	Cannabidiol	CBD	99.15 %	991.5	0.2 %
991.5 mg/g	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.2 %
	Cannabigerol	CBG	< LOQ	< LOQ	0.2 %
	Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.2 %
	Cannabidivarin	CBDV	0.38 %	3.8	0.2 %
	Cannabinol	CBN	< LOQ	< LOQ	0.2 %
	Cannabicyclol	CBL	< LOQ	< LOQ	0.2 %
	Cannabichromene	CBC	< LOQ	< LOQ	0.2 %

Note: Accreditation for Δ-8-THC, THCV, CBGA, CBG, CBDVA, CBDV, CBL, CBC. CBN is not offered by ORELAP and therefore are not accredited tests

Report: Evaluation Detail



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Pesticide Analysis

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Metathion	< LOQ	0.20	0.04	Pass
Metolaxyl	< LOQ	0.20	0.04	Pass
Methiocarb	< LOQ	0.20	0.04	Pass
Methomyl	< LOQ	0.40	0.04	Pass
Methyl-Parathion	< LOQ	0.20	0.20	Pass
MGK-264	< LOQ	0.20	0.20	Pass
Mydobutanil	< LOQ	0.20	0.20	Pass
Naled	< LOQ	0.50	0.04	Pass
Oxamyl	< LOQ	1.00	0.04	Pass
Paclotrazol	< LOQ	0.40	0.04	Pass
Permethrin	< LOQ	0.20	0.20	Pass
Phosmet	< LOQ	0.20	0.04	Pass
Piperonyl butoxide	LOQ	2.00	0.04	Pass
Prallethrin	< LOQ	0.20	0.20	Pass
Proconazole	< LOQ	0.40	0.20	Pass
Propoxur	< LOQ	0.20	0.04	Pass
Pyrethrins	< LOQ	1.00	1.00	Pass
Pyridaben	< LOQ	0.20	0.04	Pass
Spinosad	< LOQ	0.20	0.20	Pass
Sprinosfen	< LOQ	0.20	0.20	Pass
Sulcotetramat	< LOQ	0.20	0.04	Pass
Sulfoxamine	< LOQ	0.40	0.04	Pass
Tebuconazole	< LOQ	0.40	0.04	Pass
Thiacloprid	< LOQ	0.20	0.04	Pass
Thiamethoxam	< LOQ	0.20	0.04	Pass
Trifloxystrobin	LOQ	0.20	0.04	Pass

Report: Quality Check



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Moisture Analysis

Quality Control Detail

Moisture Analysis

Cannabinoid Potency Analysis

Quality Control Detail

Cannabinoid Potency Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Tetrahydro-cannabinolic acid	✓	✓	< 0.1%	< 0.1%	< 0.1%
Delta9 Tetrahydro-cannabinol	✓	✓	< 0.1%	< 0.1%	< 0.1%
Cannabidiolic acid	✓	✓	< 0.1%	< 0.1%	< 0.1%
Cannabidiol	✓	✓	< 0.1%	< 0.1%	< 0.1%
Tetrahydro-cannabinolic acid	✗	✗	100.0%	119.9%	80-120%
Delta9 Tetrahydro-cannabinol	✗	✗	100.0%	110.4%	80-120%
Cannabidiolic acid	✗	✗	100.0%	111.6%	80-120%
Cannabidiol	✗	✗	100.0%	100.3%	80-120%

Report: Quality Check

Report ID: QC-2024-001
Date: 2024-09-20

PREP

LABORATORIES

Project: QCA-2024-Quality Assurance

Pesticide Analysis

Quality Control Detail

Pesticide Name	Unit	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	mg/L	0	< 0.1	< 0.1	< 0.1
Acetate	mg/L	0	< 0.02	< 0.02	< 0.02
Acetamiprid	mg/L	0	< 0.1	< 0.1	< 0.1
Acetamiprid	mg/L	0	< 0.02	< 0.02	< 0.02
Aldicarb	mg/L	0	< 0.02	< 0.02	< 0.02
Azoxystrobin	mg/L	0	< 0.02	< 0.02	< 0.02
Bifenazate	mg/L	0	< 0.02	< 0.02	< 0.02
Bifenthrin	mg/L	0	< 0.1	< 0.1	< 0.1
Boscalid	mg/L	0	< 0.02	< 0.02	< 0.02
Carbaryl	mg/L	0	< 0.02	< 0.02	< 0.02
Carbofuran	mg/L	0	< 0.02	< 0.02	< 0.02
Chlorantraniliprole	mg/L	0	< 0.02	< 0.02	< 0.02
Chlorfenapyr	mg/L	0	< 0.5	< 0.5	< 0.5
Chlorpyrifos	mg/L	0	< 0.02	< 0.02	< 0.02
Clofentezine	mg/L	0	< 0.1	< 0.1	< 0.1
Cyfluthrin	mg/L	0	< 0.5	< 0.5	< 0.5
Cypermethrin	mg/L	0	< 0.5	< 0.5	< 0.5
Daminozide	mg/L	0	< 0.1	< 0.1	< 0.1
Diazinon	mg/L	0	< 0.02	< 0.02	< 0.02
Difenthrin	mg/L	0	< 0.1	< 0.1	< 0.1
Dimethoate	mg/L	0	< 0.02	< 0.02	< 0.02
Ethiofencarb	mg/L	0	< 0.02	< 0.02	< 0.02
Etofenprox	mg/L	0	< 0.1	< 0.1	< 0.1
Etoxazole	mg/L	0	< 0.02	< 0.02	< 0.02
Fenoxycarb	mg/L	0	< 0.02	< 0.02	< 0.02
Fenproximate	mg/L	0	< 0.1	< 0.1	< 0.1
Fipronil	mg/L	0	< 0.02	< 0.02	< 0.02
Flononamid	mg/L	0	< 0.02	< 0.02	< 0.02
Fludioxonil	mg/L	0	< 0.1	< 0.1	< 0.1
Hexythiazox	mg/L	0	< 0.02	< 0.02	< 0.02
Imazali	mg/L	0	< 0.02	< 0.02	< 0.02
Imidacloprid	mg/L	0	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	mg/L	0	< 0.1	< 0.1	< 0.1

Report: Quality Check



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For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Abamectin	•	100.00	108.69	60 - 140
Acephate	•	100.00	100.13	60 - 140
Acequinocyl	•	100.00	101.78	60 - 140
Acetamiprid	•	100.00	99.03	60 - 140
Aldicarb	•	100.00	96.16	60 - 140
Azoxystrobin	•	100.00	95.72	60 - 140
Bifenazate	•	100.00	98.52	60 - 140
Bifenthrin	•	100.00	102.68	60 - 140
Boscalid	•	100.00	102.02	60 - 140
Carbaryl	•	100.00	107.59	60 - 140
Carbofuran	•	100.00	103.37	60 - 140
Chlorantraniliprole	•	100.00	103.94	60 - 140
Chlorfenapyr	•	100.00	97.78	60 - 140
Chlorpyrifos	•	100.00	90.79	60 - 140
Clofentezine	•	100.00	95.21	60 - 140
Cyfluthrin	•	100.00	94.74	60 - 140
Cypermethrin	•	100.00	94.06	60 - 140
Daminozide	•	100.00	103.54	60 - 140
Diazinon	•	100.00	100.05	60 - 140
Dichlorvos	•	100.00	98.00	60 - 140
Dimethoate	•	100.00	102.84	60 - 140
Ethoprophos	•	100.00	101.54	60 - 140
Etofenprox	•	100.00	101.74	60 - 140
Etoxazole	•	100.00	104.74	60 - 140
Fenoxycarb	•	100.00	98.65	60 - 140
Fenpyroximate	•	100.00	102.55	60 - 140
Fipronil	•	100.00	95.25	60 - 140
Fonicamid	•	100.00	96.80	60 - 140
Fludioxonil	•	100.00	104.34	60 - 140
Hexythiazox	•	100.00	103.21	60 - 140
Imazalil	•	100.00	96.57	60 - 140
Imidacloprid	•	100.00	99.01	60 - 140
Kresoxim-methyl	•	100.00	102.44	60 - 140

Report: Definition



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For OLCC/OHA Compliance Purposes.

Definitions

- Limit of Quantitation (LOQ) : The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB) : A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS) : A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate : A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit : Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm : parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L.
- COA : Certificate of Analysis.
- Report Flag (B) : Blank contamination : The analyte was detected above one-half the reporting limit in an associated blank.
- Report Flag (E) : Compound tested above the upper limit of quantitation.
- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

- Cannabinoid Potency
$$\text{Wet WT\%} = (\text{Exported concentration ppm}) \times (\text{Dilution}) \times (\text{Extraction Vol. / Wet wt. mg}) \times 100$$
$$\text{Total THC\%} = (\% \text{THCA}) \times 0.877 + (\% \text{THC})$$
$$\text{Total CBD\%} = (\% \text{CBDA}) \times 0.877 + (\% \text{CBD})$$
$$\text{Total THC (Dry WT)\%} = \% \text{ total THC (wet)} / [1 - (\% \text{ moisture} / 100)]$$
$$\text{Total CBD (Dry WT)\%} = \% \text{ total CBD (wet)} / [1 - (\% \text{ moisture} / 100)]$$
- Percentage Recovery
$$\% \text{ Rec} = [(\text{Amount measured}) / (\text{Known amount})] \times 100$$

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.