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Formerly Botanacor Labs

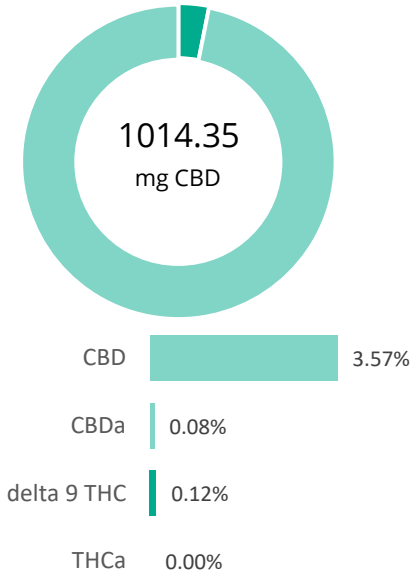
CERTIFICATE OF ANALYSIS

prepared for: Aspen Green
3700 Quebec St STE 100-110
Denver, CO 80207

LB-O-60428

Batch ID:	AG-2307-1	**Test ID:**	T000251371
Type:	Unit	**Submitted:**	08/02/2023 @ 09:39 AM
Test:	Potency	**Started:**	8/2/2023
Method:	TM14 (HPLC-DAD)	**Reported:**	8/4/2023

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	11.47	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	12.94	33.38	1.2
Cannabidiolic acid (CBDA)	13.78	22.01	0.8
Cannabidiol (CBD)	13.44	1014.35	35.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	14.25	ND	ND
Cannabinolic Acid (CBNA)	8.16	ND	ND
Cannabinol (CBN)	3.73	ND	ND
Cannabigerolic acid (CBGA)	11.96	ND	ND
Cannabigerol (CBG)	2.86	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	10.11	ND	ND
Tetrahydrocannabivarin (THCV)	2.60	<LOQ	<LOQ
Cannabidivarinic Acid (CBDVA)	5.75	ND	ND
Cannabidivarin (CBDV)	3.18	5.13	0.2
Cannabichromenic Acid (CBCA)	4.61	ND	ND
Cannabichromene (CBC)	5.04	40.13	1.4
Total Cannabinoids		**1115.00**	**39.3**
Total Potential THC**		33.38	1.2
Total Potential CBD**		1033.65	36.4

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
Total THC = THC + (THCa *(0.877)) and
Total CBD = CBD + (CBDa *(0.877))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
# of Servings = 1, Sample Weight=28.4g

FINAL APPROVAL

Karen Winternheime
4-Aug-2023
12:26 PM
PREPARED BY / DATE

Sam Smith
4-Aug-2023
12:27 PM
APPROVED BY / DATE

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

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Certificate #4329.02

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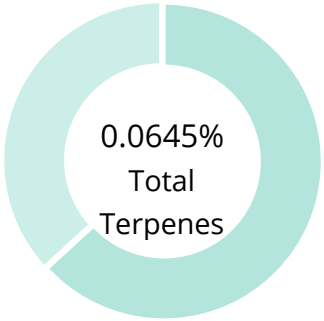
CERTIFICATE OF ANALYSIS

prepared for: Aspen Green
3700 Quebec St STE 100-110
Denver, CO 80207

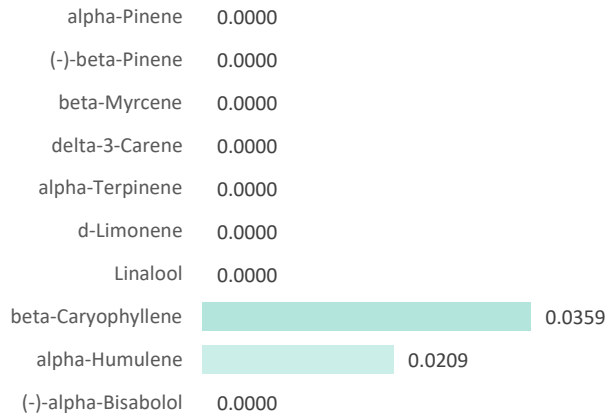
LB-O-60428

Batch ID:	AG-2307-1	**Test ID:**	T000251372
Type:	Concentrate	**Submitted:**	08/02/2023 @ 09:39 AM
Test:	Terpenes	**Started:**	8/6/2023
Method:	TM22 (GC-MS)	**Reported:**	8/9/2023

TERPENE PROFILE



PREDOMINANT TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0000	0.000
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0359	0.359
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0209	0.209
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0000	0.000
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0021	0.021
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0056	0.056
	0.0645	**0.645**

NOTES:
N/A

FINAL APPROVAL

Karen Winternheimer
9-Aug-2023
8:21 AM
PREPARED BY / DATE

Sam Smith
9-Aug-2023
8:24 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Prepared for:

LB-O-60428

Aspen Green

Batch ID or Lot Number:	Test:	Reported:	Location:
AG-2307-1	**Pesticides**	**8/10/23**	3700 Quebec St STE 100-110 Denver, CO 80207

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000251373	8/9/23	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	08/02/2023 @ 09:39 AM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	42	ND	**Fenoxycarb**	40	ND	**Paclobutrazol**	40	ND
Acetamiprid	40	ND	**Fipronil**	25	ND	**Permethrin**	282	ND
Abamectin	359	ND	**Flonicamid**	51	ND	**Phosmet**	38	ND
Azoxystrobin	41	ND	**Fludioxonil**	268	ND	**Prophos**	302	ND
Bifenazate	37	ND	**Hexythiazox**	38	ND	**Propoxur**	40	ND
Boscalid	42	ND	**Imazalil**	278	ND	**Pyridaben**	298	ND
Carbaryl	38	ND	**Imidacloprid**	39	ND	**Spinosad A**	29	ND
Carbofuran	39	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	65	ND
Chlorantraniliprole	37	ND	**Malathion**	280	ND	**Spiromesifen**	273	ND
Chlorpyrifos	500	ND	**Metalaxyl**	39	ND	**Spirotetramat**	267	ND
Clofentezine	282	ND	**Methiocarb**	42	ND	**Spiroxamine 1**	17	ND
Diazinon	281	ND	**Methomyl**	40	ND	**Spiroxamine 2**	21	ND
Dichlorvos	284	ND	**MGK 264 1**	183	ND	**Tebuconazole**	275	ND
Dimethoate	39	ND	**MGK 264 2**	116	ND	**Thiacloprid**	41	ND
E-Fenpyroximate	285	ND	**Myclobutanil**	26	ND	**Thiamethoxam**	41	ND
Etofenprox	41	ND	**Naled**	44	ND	**Trifloxystrobin**	42	ND
Etoxazole	300	ND	**Oxamyl**	1500	ND			

Karen Winternheimer
8/10/2023
11:53:00 AM

PREPARED BY / DATE

Sam Smith
8/10/2023
12:34:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification

ppb = Parts per Billion

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

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Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

LB-O-60428

Aspen Green

Batch ID or Lot Number:	Test:	Reported:	Location:
AG-2307-1	**Metals**	**8/8/23**	3700 Quebec St STE 100-110 Denver, CO 80207

Matrix:	Test ID:	Started:	USDA License:
Finished Product	t000251375	8/8/23	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	08/02/2023 @ 09:39 AM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.048 - 4.83	ND
Cadmium	0.046 - 4.62	ND
Mercury	0.045 - 4.52	ND
Lead	0.044 - 4.40	ND

Notes

Sam Smith
8-Aug-23
3:37 PM
PREPARED BY / DATE

Karen Winternheimer
8-Aug-23
3:40 PM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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CERTIFICATE OF ANALYSIS

prepared for: ASPEN GREEN
3700 QUEBEC ST STE 100-110
DENVER, CO 80207

LB-O-60428

Batch ID:	AG-2307-1	**Test ID:**	T000251997
Matrix:	Finished Product	**Received:**	08/16/2023 @ 11:11 AM
Test:	Microbial Contaminants	**Started:**	8/17/2023
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	**Reported:**	8/21/2023

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	**None Detected**
Total Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	2.0x10^3 - 3.0x10^5 CFU/g	**None Detected**
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	2.0x10^2 - 3.0x10^4 CFU/g	**None Detected**
STEC	TM-25 PCR	10^0 CFU/g	N/A	**Absent**
Salmonella	TM-25 PCR	10^0 CFU/g	N/A	**Absent**

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.*
Examples: 10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

NOTES:
Free from visual mold, mildew, and foreign matter

DEFINITIONS:
CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Eden Thompson-Wright
8/21/2023
10:12:00 AM
PREPARED BY / DATE

Brianne Maillot
8/21/2023
10:42:00 AM
APPROVED BY / DATE

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Certificate #4329.03

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CERTIFICATE OF ANALYSIS

Prepared for:

LB-O-60428

Aspen Green

Batch ID or Lot Number:	Test:	Reported:	Location:
AG-2307-1	**Residual Solvents**	**8/6/23**	3700 Quebec St STE 100-110 Denver, CO 80207

Matrix:	Test ID:	Started:	USDA License:
N/A	T000251376	8/4/23	N/A

Status:	Methods:	Received:	Sampler ID:
Active	TM04 (GC-MS): Residual Solvents	08/02/2023 @ 09:39 AM	N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	99 - 1978	*ND
Butanes (Isobutane, n-Butane)	194 - 3871	*ND
Methanol	61 - 1220	*ND
Pentane	98 - 1962	*ND
Ethanol	97 - 1950	*ND
Acetone	97 - 1947	*ND
Isopropyl Alcohol	102 - 2034	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	99 - 1982	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	99 - 1973	*ND
Toluene	18 - 353	*ND
Xylenes (m,p,o-Xylenes)	130 - 2608	*ND

Notes

Karen Winternheimer
6-Aug-23
10:32 AM
PREPARED BY / DATE

Sam Smith
6-Aug-23
10:36 AM
APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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CERTIFICATE OF ANALYSIS

Prepared for:

LB-O-60428

Aspen Green

Batch ID or Lot Number:	Test:	Reported:	Location:
AG-2307-1	**Mycotoxins**	**8/11/23**	3700 Quebec St STE 100-110 Denver, CO 80207

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000251377	8/10/23	N/A

Status:	Method:	Received:	Sampler ID:
Active		08/02/2023 @ 09:39 AM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	1.3 - 123.4	ND
Aflatoxin B1	0.9 - 31.8	ND
Aflatoxin B2	1 - 31.9	ND
Aflatoxin G1	0.9 - 31.9	ND
Aflatoxin G2	1.7 - 32	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Sam Smith
11-Aug-23
11:08 AM
PREPARED BY / DATE

Karen Winternheimer
11-Aug-23
11:12 AM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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