

Prepared for:

LB-O-60431

Aspen Green

Batch ID or Lot Number: AG-2307-BLT	Test: Potency	Reported: 8/10/23	Location: 3700 Quebec St STE 100-110 Denver, CO 80207
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Matrix: Unit	Test ID: T000251914	Started: 8/8/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 08/07/2023 @ 09:05 AM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.652	2.251	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.736	2.540	80.619	2.84
Cannabidiolic acid (CBDA)	25.531	70.580	<LOQ	<LOQ
Cannabidiol (CBD)	24.893	68.815	1903.953	67.04
Delta 8-Tetrahydrocannabinol (Delta 8THC)	21.068	72.730	ND	ND
Cannabinolic Acid (CBNA)	12.065	41.651	ND	ND
Cannabinol (CBN)	5.519	19.051	ND	ND
Cannabigerolic acid (CBGA)	17.684	61.048	ND	ND
Cannabigerol (CBG)	4.230	14.604	100.233	3.53
Tetrahydrocannabivarinic Acid (THCVA)	14.953	51.619	ND	ND
Tetrahydrocannabivarin (THCV)	3.848	13.283	70.775	2.49
Cannabidivarinic Acid (CBDVA)	10.650	29.443	33.492	1.18
Cannabidivarin (CBDV)	5.887	16.275	1223.662	43.09
Cannabichromenic Acid (CBCA)	6.815	23.526	ND	ND
Cannabichromene (CBC)	7.451	25.721	93.862	3.31
Total Cannabinoids			3506.596	123.48
Total Potential THC**			80.619	2.84
Total Potential CBD**			1903.953	67.04

Notes

of Servings = 1
Sample Weight=28.4g

 Karen Winterheimer
10-Aug-23
2:19 PM

PREPARED BY / DATE

 Sam Smith
10-Aug-23
2:20 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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



Certificate #4329.02

Prepared for:


LB-O-60431

Aspen Green


Batch ID or Lot Number: AG-2307-BLT	Test: Residual Solvents	Reported: 8/6/23	Location: 3700 Quebec St STE 100-110 Denver, CO 80207
Matrix: N/A	Test ID: T000251397	Started: 8/4/23	USDA License: N/A
Status: Active	Methods: TM04 (GC-MS): Residual Solvents	Received: 08/02/2023 @ 09:39 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	111 - 2218	*ND	
Butanes (Isobutane, n-Butane)	217 - 4340	*ND	
Methanol	68 - 1368	*ND	
Pentane	110 - 2200	*ND	
Ethanol	109 - 2186	*ND	
Acetone	109 - 2183	*ND	
Isopropyl Alcohol	114 - 2280	*ND	
Hexane	7 - 134	*ND	
Ethyl Acetate	111 - 2222	*ND	
Benzene	0.2 - 4.6	*ND	
Heptanes	111 - 2212	*ND	
Toluene	20 - 396	*ND	
Xylenes (m,p,o-Xylenes)	146 - 2925	*ND	

 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 #4329.02

LB-O-60431

Batch ID:	AG-2307-BLT	Test ID:	T000251395
Matrix:	Finished Product	Received:	08/02/2023 @ 09:39 AM
Test:	Microbial Contaminants	Started:	8/2/2023
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	8/7/2023

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


Brianne Maillot
8/6/2023
10:39:00 AM

PREPARED BY / DATE


Eden Thompson-Wright
8/7/2023
9:39:00 AM

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



Certificate #4329.03


Prepared for:

LB-O-60431**Aspen Green**


Batch ID or Lot Number: AG-2307-BLT	Test: Metals	Reported: 8/8/23	Location: 3700 Quebec St STE 100-110 Denver, CO 80207
Matrix: Finished Product	Test ID: t000251396	Started: 8/8/23	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS): Heavy Metals	Received: 08/02/2023 @ 09:39 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

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

 Sam Smith
8-Aug-23
3:37 PM

PREPARED BY / DATE

 Karen Winterheimer
8-Aug-23
3:40 PM

APPROVED BY / DATE

Definitions

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

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.

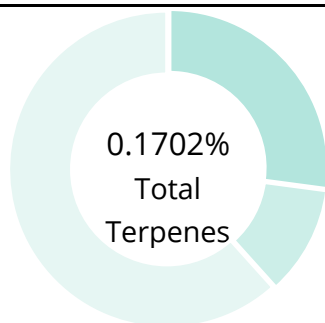


Certificate #4329.02

LB-O-60431

Batch ID:	AG-2307-BLT	Test ID:	T000251393
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


alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0000
beta-Caryophyllene	0.0401
alpha-Humulene	0.0166
(-)-alpha-Bisabolol	0.0912


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0912	0.912
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0401	0.401
(-)-Caryophyllene Oxide	0.0184	0.184
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0166	0.166
(-)-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	0.0039	0.039
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	0.0000	0.000
	0.1702	1.702

NOTES:

N/A

FINAL APPROVAL


Karen Winternheimer
9-Aug-2023
8:21 AM


Sam Smith
9-Aug-2023
8:24 AM

PREPARED BY / DATE

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



Certificate #4329.02

Prepared for:

LB-O-60431

Aspen Green

Batch ID or Lot Number: AG-2307-BLT	Test: Pesticides	Reported: 8/18/23	Location: 3700 Quebec St STE 100-110 Denver, CO 80207
Matrix: Concentrate	Test ID: T000252614	Started: 8/17/23	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 08/10/2023 @ 02:17 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	44	ND	Fenoxycarb	41	ND	Paclobutrazol	45	ND
Acetamiprid	41	ND	Fipronil	75	ND	Permethrin	285	ND
Abamectin	202	ND	Flonicamid	49	ND	Phosmet	40	ND
Azoxystrobin	45	ND	Fludioxonil	307	ND	Prophos	294	ND
Bifenazate	43	ND	Hexythiazox	40	ND	Propoxur	41	ND
Boscalid	44	ND	Imazalil	271	ND	Pyridaben	296	ND
Carbaryl	39	ND	Imidacloprid	51	ND	Spinosad A	32	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	63	ND
Chlorantraniliprole	43	ND	Malathion	282	ND	Spiromesifen	278	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	283	ND
Clofentezine	276	ND	Methiocarb	45	ND	Spiroxamine 1	17	ND
Diazinon	286	ND	Methomyl	41	ND	Spiroxamine 2	21	ND
Dichlorvos	273	ND	MGK 264 1	174	ND	Tebuconazole	289	ND
Dimethoate	42	ND	MGK 264 2	105	ND	Thiacloprid	44	ND
E-Fenpyroximate	293	ND	Myclobutanil	54	ND	Thiamethoxam	43	ND
Etofenprox	43	ND	Naled	45	ND	Trifloxystrobin	44	ND
Etoxazole	292	ND	Oxamyl	1500	ND			

K Winterheimer
Karen Winterheimer
8/18/2023
11:06:00 AM

Samantha Smith
Sam Smith
8/18/2023
11:10:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

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Certificate #4329.02

Prepared for:

LB-O-60431

Aspen Green

Batch ID or Lot Number: AG-2307-BLT	Test: Mycotoxins	Reported: 8/11/23	Location: 3700 Quebec St STE 100-110 Denver, CO 80207
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Matrix: Finished Product	Test ID: T000251398	Started: 8/10/23	USDA License: N/A
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Status: Active	Method:	Received: 08/02/2023 @ 09:39 AM	Sampler ID: N/A
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MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.4 - 132.7	ND	N/A
Aflatoxin B1	1 - 34.2	ND	
Aflatoxin B2	1.1 - 34.3	ND	
Aflatoxin G1	1 - 34.3	ND	
Aflatoxin G2	1.8 - 34.4	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	



Sam Smith
11-Aug-23
11:08 AM

PREPARED BY / DATE



Karen Winterheimer
11-Aug-23
11:12 AM

APPROVED BY / DATE

Definitions

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

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