

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60622


Batch ID or Lot Number: AG-2411-RTB	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 12Nov2024	Started: 11Nov2024	Received: 11Nov2024	


Cannabinoids - Colorado Compliance

Test ID: T000293574
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	4.767	14.966	111.685	3.93	# of Servings = 1 Sample Weight=28.4g
Cannabichromenic Acid (CBCA)	4.360	13.689	ND	ND	
Cannabidiol (CBD)	11.416	41.248	4118.168	145.01	
Cannabidiolic Acid (CBDA)	11.709	42.306	<LOQ	<LOQ	
Cannabidivarin (CBDV)	2.700	9.756	27.577	0.97	
Cannabidivarinic Acid (CBDVA)	4.884	17.648	ND	ND	
Cannabigerol (CBG)	2.707	8.497	49.718	1.75	
Cannabigerolic Acid (CBGA)	11.315	35.522	ND	ND	
Cannabinol (CBN)	3.531	11.086	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	7.720	24.236	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	13.480	42.320	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	12.242	38.434	71.766	2.53	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	10.847	34.053	ND	ND	
Tetrahydrocannabivarin (THCV)	2.462	7.729	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	9.567	30.036	ND	ND	
Total Cannabinoids			4378.914	154.19	
Total Potential THC			71.766	2.53	
Total Potential CBD			4118.168	145.01	

Final Approval


Judith Marquez
12Nov2024
12:33:00 PM MST
PREPARED BY / DATE



Karen Winternheimer
12Nov2024
01:12:00 PM MST
APPROVED BY / DATE

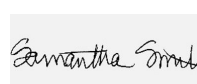
Heavy Metals - Colorado Compliance

Test ID: T000293577
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.32	ND	
Cadmium	0.04 - 4.39	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.05 - 4.82	ND	

Final Approval


Judith Marquez
12Nov2024
12:45:00 PM MST
PREPARED BY / DATE


Sam Smith
12Nov2024
02:36:00 PM MST
APPROVED BY / DATE

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Pesticides


Test ID: T000293575

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	273 - 2760	ND	Malathion	279 - 2686	ND
Acephate	36 - 2690	ND	Metalaxyl	41 - 2711	ND
Acetamiprid	42 - 2636	ND	Methiocarb	43 - 2732	ND
Azoxystrobin	45 - 2670	ND	Methomyl	42 - 2709	ND
Bifenazate	43 - 2692	ND	MGK 264 1	179 - 1624	ND
Boscalid	44 - 2709	ND	MGK 264 2	110 - 1080	ND
Carbaryl	42 - 2710	ND	Myclobutanil	42 - 2686	ND
Carbofuran	44 - 2700	ND	Naled	46 - 2671	ND
Chlorantraniliprole	45 - 2715	ND	Oxamyl	42 - 2714	ND
Chlorpyrifos	2 - 2663	ND	Paclobutrazol	41 - 2702	ND
Clofentezine	283 - 2716	ND	Permethrin	286 - 2795	ND
Diazinon	280 - 2692	ND	Phosmet	42 - 2576	ND
Dichlorvos	281 - 2711	ND	Prophos	287 - 2732	ND
Dimethoate	40 - 2651	ND	Propoxur	43 - 2718	ND
E-Fenpyroximate	292 - 2744	ND	Pyridaben	300 - 2765	ND
Etofenprox	38 - 2747	ND	Spinosad A	32 - 2070	ND
Etoxazole	288 - 2668	ND	Spinosad D	67 - 665	ND
Fenoxycarb	44 - 2758	ND	Spiromesifen	266 - 2722	ND
Fipronil	43 - 2727	ND	Spirotetramat	300 - 2728	ND
Fonicamid	41 - 2738	ND	Spiroxamine 1	15 - 1016	ND
Fludioxonil	268 - 2762	ND	Spiroxamine 2	23 - 1601	ND
Hexythiazox	41 - 2792	ND	Tebuconazole	297 - 2689	ND
Imazalil	266 - 2701	ND	Thiacloprid	42 - 2676	ND
Imidacloprid	45 - 2664	ND	Thiamethoxam	39 - 2660	ND
Kresoxim-methyl	45 - 2716	ND	Trifloxystrobin	43 - 2713	ND

Final Approval


 Sam Smith
 13Nov2024
 10:06:00 AM MST
 PREPARED BY / DATE


 Karen Winternheimer
 13Nov2024
 10:13:00 AM MST
 APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000293578


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	77 - 1546	ND	
Butanes (Isobutane, n-Butane)	159 - 3173	ND	
Methanol	58 - 1157	ND	
Pentane	84 - 1673	ND	
Ethanol	87 - 1731	ND	
Acetone	93 - 1861	ND	
Isopropyl Alcohol	98 - 1968	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	96 - 1917	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	91 - 1824	ND	
Toluene	17 - 346	ND	
Xylenes (m,p,o-Xylenes)	127 - 2538	ND	

Final Approval


Judith Marquez
14Nov2024
03:40:00 PM MST

PREPARED BY / DATE


Sam Smith
15Nov2024
08:16:00 AM MST

APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000293579
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.00 - 132.55	ND	N/A
Aflatoxin B1	1.01 - 32.86	ND	
Aflatoxin B2	0.91 - 32.07	ND	
Aflatoxin G1	1.13 - 32.67	ND	
Aflatoxin G2	1.10 - 32.86	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


	Karen Winternheimer 15Nov2024 08:11:00 AM MST		Sam Smith 15Nov2024 08:24:00 AM MST
PREPARED BY / DATE		APPROVED BY / DATE	

Microbial Contaminants - Colorado Compliance

Test ID: T000293576
Methods: TM25 (qPCR) TM24, TM26,
TM27 (Culture Plating): Microbial
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval

	Brett Hudson 15Nov2024 02:43:00 PM MST		Nora Langer 15Nov2024 02:59:00 PM MST
PREPARED BY / DATE		APPROVED BY / DATE	

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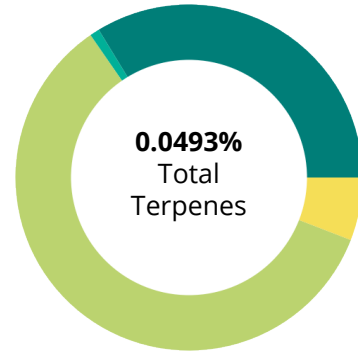
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Terpenes

Test ID: T000293833

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0149	0.149
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0004	0.004
beta-Caryophyllene	0.0263	0.263
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0026	0.026
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0007	0.007
trans-Nerolidol	0.0044	0.044
	0.0493	0.4930




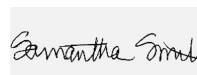
PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0149
alpha-Pinene	0.0000
alpha-Terpinene	0.0004
beta-Caryophyllene	0.0263
beta-Myrcene	0.0000
d-Limonene	0.0026
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Karen Winternheimer
27Nov2024
10:12:00 AM MST
PREPARED BY / DATE


Sam Smith
27Nov2024
10:14:00 AM MST
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/4a880b75-57f5-4a96-b5f1-b490356ccfa7>

Definitions
 LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. 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 SC Laboratories, Inc., in the condition it was received. 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. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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