

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number: AG-2509-CAL	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 17Sep2025	Started: 16Sep2025	Received: 16Sep2025	

Residual Solvents

Test ID: T000311913

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	73 - 1458	ND	
Butanes (Isobutane, n-Butane)	139 - 2774	ND	
Methanol	69 - 1375	ND	
Pentane	68 - 1354	ND	
Ethanol	85 - 1698	ND	
Acetone	90 - 1794	ND	
Isopropyl Alcohol	101 - 2029	ND	
Hexane	5 - 107	ND	
Ethyl Acetate	94 - 1888	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	85 - 1694	ND	
Toluene	18 - 366	ND	
Xylenes (m,p,o-Xylenes)	136 - 2724	ND	

Final Approval



Judith Marquez
17Sep2025
04:25:00 PM MDT

PREPARED BY / DATE



Sam Smith
17Sep2025
04:29:00 PM MDT

APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number:
AG-2509-CAL

Test, Test ID and Methods:
Various

Matrix:
Finished Product

Page 2 of 7

Reported:
17Sep2025

Started:
16Sep2025

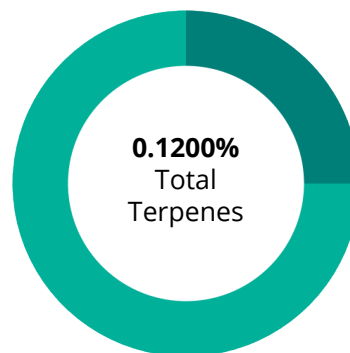
Received:
16Sep2025

Terpenes

Test ID: T000311909

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0300	0.300
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.000
beta-Caryophyllene	0.0900	0.900
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	0.0000	0.000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.000
trans-Nerolidol	0.0000	0.0000
	0.1200	1.2000



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0300
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0900
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval



Judith Marquez
18Sep2025
05:19:00 PM MDT

PREPARED BY / DATE



Sam Smith
18Sep2025
05:22:00 PM MDT

APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number: AG-2509-CAL	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 7
Reported: 17Sep2025	Started: 16Sep2025	Received: 16Sep2025	

Microbial Contaminants

Test ID: T000311911

Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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
19Sep2025
01:13:00 PM MDT
PREPARED BY / DATE


Aimee Lowe
19Sep2025
01:22:00 PM MDT
APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number: AG-2509-CAL	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 7
Reported: 17Sep2025	Started: 16Sep2025	Received: 16Sep2025	

Cannabinoids

Test ID: T000311908

Methods: TM14 (HPLC-DAD)

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.046	0.166	2.130	2.30	Density = 0.945g/mL
Cannabichromenic Acid (CBCA)	0.042	0.151	ND	ND	
Cannabidiol (CBD)	0.167	0.455	53.190	56.30	
Cannabidiolic Acid (CBDA)	0.171	0.466	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.040	0.108	1.440	1.50	
Cannabidivarinic Acid (CBDVA)	0.072	0.194	ND	ND	
Cannabigerol (CBG)	0.026	0.094	4.840	5.10	
Cannabigerolic Acid (CBGA)	0.109	0.393	ND	ND	
Cannabinol (CBN)	0.034	0.123	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.074	0.268	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.130	0.468	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.118	0.425	1.460	1.50	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.104	0.377	ND	ND	
Tetrahydrocannabivarin (THCV)	0.024	0.086	0.110	0.10	
Tetrahydrocannabivarinic Acid (THCVA)	0.092	0.332	ND	ND	
Total Cannabinoids			63.170	66.80	
Total Potential THC			1.460	1.50	
Total Potential CBD			53.190	56.30	

Final Approval


Judith Marquez
19Sep2025
11:33:00 AM MDT
PREPARED BY / DATE


Sam Smith
19Sep2025
11:35:00 AM MDT
APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number: AG-2509-CAL	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 7
Reported: 17Sep2025	Started: 16Sep2025	Received: 16Sep2025	

Pesticides

Test ID: T000311910

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	314 - 2715	ND
Acephate	59 - 2638	ND
Acetamiprid	45 - 2674	ND
Azoxystrobin	44 - 2771	ND
Bifenazate	35 - 2852	ND
Boscalid	39 - 2653	ND
Carbaryl	44 - 2675	ND
Carbofuran	41 - 2728	ND
Chlorantraniliprole	49 - 2640	ND
Chlorpyrifos	41 - 2784	ND
Clofentezine	303 - 2733	ND
Diazinon	270 - 2778	ND
Dichlorvos	275 - 2790	ND
Dimethoate	44 - 2700	ND
E-Fenpyroximate	358 - 2649	ND
Etofenprox	45 - 2656	ND
Etoxazole	354 - 2650	ND
Fenoxycarb	31 - 2780	ND
Fipronil	36 - 2767	ND
Flonicamid	46 - 2744	ND
Fludioxonil	294 - 2743	ND
Hexythiazox	48 - 2628	ND
Imazalil	282 - 2775	ND
Imidacloprid	53 - 2692	ND
Kresoxim-methyl	35 - 2814	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	309 - 2766	ND
Metalaxyl	40 - 2792	ND
Methiocarb	45 - 2685	ND
Methomyl	42 - 2733	ND
MGK 264 1	189 - 1659	ND
MGK 264 2	135 - 1065	ND
Myclobutanil	44 - 2701	ND
Naled	43 - 2748	ND
Oxamyl	41 - 2740	ND
Paclobutrazol	50 - 2722	ND
Permethrin	194 - 2706	ND
Phosmet	40 - 2788	ND
Prophos	305 - 2704	ND
Propoxur	41 - 2728	ND
Pyridaben	340 - 2653	ND
Spinosad A	32 - 2003	ND
Spinosad D	85 - 699	ND
Spiromesifen	331 - 2642	ND
Spirotetramat	296 - 2725	ND
Spiroxamine 1	19 - 1197	ND
Spiroxamine 2	24 - 1455	ND
Tebuconazole	317 - 2754	ND
Thiacloprid	45 - 2687	ND
Thiamethoxam	41 - 2695	ND
Trifloxystrobin	43 - 2714	ND

Final Approval


Judith Marquez
22Sep2025
04:48:00 PM MDT
PREPARED BY / DATE


Sam Smith
22Sep2025
04:50:00 PM MDT
APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number: AG-2509-CAL	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 6 of 7
Reported: 17Sep2025	Started: 16Sep2025	Received: 16Sep2025	

Heavy Metals

Test ID: T000311912

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.80	ND	
Cadmium	0.05 - 4.54	ND	
Mercury	0.04 - 4.35	ND	
Lead	0.04 - 4.44	ND	

Final Approval

 Judith Marquez
23Sep2025
07:17:00 AM MDT

PREPARED BY / DATE

 Sam Smith
23Sep2025
07:22:00 AM MDT

APPROVED BY / DATE

Mycotoxins

Test ID: T000311914

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.16 - 133.51	ND	N/A
Aflatoxin B1	0.87 - 33.00	ND	
Aflatoxin B2	0.81 - 33.16	ND	
Aflatoxin G1	1.03 - 32.71	ND	
Aflatoxin G2	1.00 - 33.13	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

 Judith Marquez
25Sep2025
09:17:00 AM MDT

PREPARED BY / DATE

 Sam Smith
25Sep2025
11:44:00 AM MDT

APPROVED BY / DATE

Prepared for:
Aspen Green

3700 Quebec St
Denver, CO USA 80207

LB-O-60723

Batch ID or Lot Number:
AG-2509-CAL

Test, Test ID and Methods:
Various

Matrix:
Finished Product

Page 7 of 7

Reported:
17Sep2025

Started:
16Sep2025

Received:
16Sep2025



<https://results.botanacor.com/api/v1/coas/uuid/d68476e6-8387-4f1e-9d0c-35388422c190>

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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](#).



Cert #4329.02
d68476e683874f1e9d0c35388422c190.1