

Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Potency	Reported: 30Sep2025	USDA License: N/A
Matrix: Unit	Test ID: T000312724	Started: 29Sep2025	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 29Sep2025	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.319	1.434	1.646	0.24	# of Servings = 1 Sample Weight=7g
Cannabichromenic Acid (CBCA)	0.292	1.311	ND	ND	
Cannabidiol (CBD)	1.702	4.363	26.503	3.79	
Cannabidiolic Acid (CBDA)	1.746	4.475	ND	ND	
Cannabidivarin (CBDV)	0.403	1.032	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.728	1.867	ND	ND	
Cannabigerol (CBG)	0.181	0.814	1.969	0.28	
Cannabigerolic Acid (CBGA)	0.757	3.403	ND	ND	
Cannabinol (CBN)	0.236	1.062	ND	ND	
Cannabinolic Acid (CBNA)	0.516	2.322	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.902	4.054	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.137	0.614	2.254	0.32	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.121	0.544	ND	ND	
Tetrahydrocannabivarin (THCV)	0.165	0.740	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.640	2.878	ND	ND	
Total Cannabinoids			32.372	4.63	
Total Potential THC			2.254	0.32	
Total Potential CBD			26.503	3.79	

Final Approval



Judith Marquez
30Sep2025
11:15:00 AM MDT

PREPARED BY / DATE



Sam Smith
30Sep2025
11:18:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/665963d0-d9da-470c-9941-1162c3b5cf00>

Definitions

% = % (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)).

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Cert #4329.02
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CERTIFICATE OF ANALYSIS

Prepared for:
Aspen Green

830 A1A North Suite 13-620
Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Microbial Contaminants	Reported: 10Oct2025	USDA License: N/A
Matrix: Finished Product	Test ID: T000313137	Started: 07Oct2025	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 07Oct2025	Status: Active

Microbial Contaminants

Contaminants	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


Aimee Lowe
10Oct2025
02:43:00 PM MDT


Theresa Goergen
10Oct2025
02:59:00 PM MDT



<https://results.botanacor.com/api/v1/coas/uuid/c4dea92e-6a5c-4626-b08b-53a6adbeb740>

Definitions
* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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CDPHE Certified

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CERTIFICATE OF ANALYSIS

Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Heavy Metals	Reported: 15Oct2025	USDA License: NA
Matrix: Finished Product	Test ID: T000313138	Started: 14Oct2025	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 07Oct2025	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.71	ND	
Cadmium	0.05 - 4.64	ND	
Mercury	0.05 - 4.66	ND	
Lead	0.05 - 4.81	ND	

Final Approval



Judith Marquez
15Oct2025
08:38:00 AM MDT

PREPARED BY / DATE



Sam Smith
15Oct2025
08:42:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ecd58a2c-2ef9-4653-ad43-2647c41ad0d9>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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CERTIFICATE OF ANALYSIS

Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Mycotoxins	Reported: 16Oct2025	USDA License: N/A
Matrix: Finished Product	Test ID: T000313140	Started: 15Oct2025	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 07Oct2025	Status: Active


Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.23 - 130.35	ND	N/A
Aflatoxin B1	0.85 - 31.90	ND	
Aflatoxin B2	0.88 - 31.74	ND	
Aflatoxin G1	0.94 - 31.90	ND	
Aflatoxin G2	1.07 - 31.05	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Judith Marquez
16Oct2025
10:18:00 AM MDT

PREPARED BY / DATE



Sam Smith
16Oct2025
10:20:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9385113b-30d1-4b4e-a46b-6295281174a6>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Pesticides	Reported: 13Oct2025	USDA License: NA
Matrix: Finished Product	Test ID: T000313136	Started: 08Oct2025	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 07Oct2025	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	297 - 2746	ND	Malathion	336 - 2621	ND
Acephate	44 - 2694	ND	Metalaxyl	44 - 2627	ND
Acetamiprid	45 - 2669	ND	Methiocarb	49 - 2760	ND
Azoxystrobin	46 - 2599	ND	Methomyl	46 - 2704	ND
Bifenazate	36 - 2760	ND	MGK 264 1	171 - 1653	ND
Boscalid	54 - 2744	ND	MGK 264 2	121 - 1013	ND
Carbaryl	32 - 2702	ND	Myclobutanil	44 - 2778	ND
Carbofuran	44 - 2651	ND	Naled	52 - 2648	ND
Chlorantraniliprole	49 - 2747	ND	Oxamyl	44 - 2691	ND
Chlorpyrifos	57 - 2726	ND	Pacllobutrazol	42 - 2669	ND
Clofentezine	320 - 2700	ND	Permethrin	403 - 2597	ND
Diazinon	338 - 2634	ND	Phosmet	51 - 2643	ND
Dichlorvos	329 - 2693	ND	Prophos	309 - 2748	ND
Dimethoate	42 - 2694	ND	Propoxur	43 - 2648	ND
E-Fenpyroximate	185 - 2790	ND	Pyridaben	333 - 2685	ND
Etofenprox	44 - 2694	ND	Spinosad A	33 - 1954	ND
Etoxazole	334 - 2708	ND	Spinosad D	85 - 711	ND
Fenoxycarb	36 - 2658	ND	Spiromesifen	327 - 2721	ND
Fipronil	50 - 2795	ND	Spirotetramat	317 - 2618	ND
Flonicamid	55 - 2683	ND	Spiroxamine 1	20 - 1237	ND
Fludioxonil	292 - 2795	ND	Spiroxamine 2	24 - 1510	ND
Hexythiazox	39 - 2721	ND	Tebuconazole	333 - 2608	ND
Imazalil	266 - 2635	ND	Thiacloprid	47 - 2673	ND
Imidacloprid	41 - 2740	ND	Thiamethoxam	44 - 2692	ND
Kresoxim-methyl	47 - 2664	ND	Trifloxystrobin	44 - 2637	ND

Final Approval



Judith Marquez
13Oct2025
08:28:00 AM MDT

PREPARED BY / DATE



Sam Smith
13Oct2025
08:31:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5e77172f-fe2c-41b9-a7b6-9fe35c2e41fc>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Terpenes	Reported: 16Oct2025	USDA License: NA
Matrix: Unit	Test ID: T000313135	Started: 15Oct2025	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 07Oct2025	Status: NA

Terpenes

Terpenes	%(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	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
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	0.0000
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	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0000	0.0000

0.0000%
Total
Terpenes

PREDOMINANT TERPENES

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

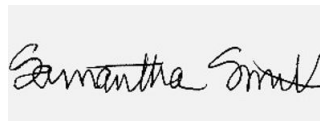
Notes

Final Approval



Judith Marquez
16Oct2025
02:56:00 PM MDT

PREPARED BY / DATE



Sam Smith
16Oct2025
02:58:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1fe1e188-ac96-4e7b-ad29-1ca41e25eae1>

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1fe1e188ac964e7bad291ca41e25eae1.1

Prepared for:

Aspen Green

830 A1A North Suite 13-620

Ponte Vedra Beach, FL United States 32082

Calm Lemon CBD

Batch ID or Lot Number: AG-2509-CLG	Test: Residual Solvents	Reported: 21Oct2025	USDA License: N/A
Matrix: Finished Product	Test ID: T000313787	Started: 21Oct2025	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Oct2025	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	75 - 1501	ND	
Butanes (Isobutane, n-Butane)	138 - 2762	ND	
Methanol	56 - 1129	ND	
Pentane	75 - 1501	ND	
Ethanol	82 - 1639	ND	
Acetone	87 - 1742	ND	
Isopropyl Alcohol	94 - 1876	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	91 - 1829	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	85 - 1699	ND	
Toluene	16 - 329	ND	
Xylenes (m,p,o-Xylenes)	123 - 2469	ND	

Final Approval



Judith Marquez
21Oct2025
02:34:00 PM MDT

PREPARED BY / DATE



Sam Smith
21Oct2025
02:36:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e19ce5e9-5c5d-4a48-a7a1-dc9ea797d31f>

Definitions

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