

Prepared for:

Perfect Plant

**300 White Bridge Pike - Suite B
Nashville, TN 37209**

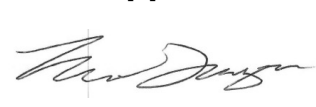
DYOR

Batch ID or Lot Number: DYOR01022025	Test: Heavy Metals	Reported: 17Jan2025	USDA License: NA
Matrix: Plant Material	Test ID: T000296662	Started: 17Jan2025	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 10Jan2025	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.15	ND	
Cadmium	0.04 - 3.99	ND	
Mercury	0.04 - 4.18	ND	
Lead	0.04 - 4.07	ND	

Final Approval


Judith Marquez
17Jan2025
12:40:00 PM MST

PREPARED BY / DATE


Sam Smith
17Jan2025
12:44:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/18f86c11-fb70-4a03-82ad-e9804e30fcd0>

Definitions

ND = None Detected (defined by dynamic range of the method)

Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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.



Cert #4329.02

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Prepared for:

Perfect Plant

300 White Bridge Pike - Suite B

Nashville, TN 37209

DYOR

Batch ID or Lot Number: DYOR01022025	Test: Microbial Contaminants	Reported: 16Jan2025	USDA License: NA
Matrix: Plant	Test ID: T000296661	Started: 13Jan2025	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 10Jan2025	Status: NA

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	<LLOQ	
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


Nora Langer
16Jan2025
02:55:00 PM MST


Brett Hudson
17Jan2025
06:16:00 PM MST



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/24751df9-7840-4e40-a748-d54eb1c680d5>

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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Cert #4329.02

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Prepared for:
Perfect Plant
300 White Bridge Pike - Suite B
Nashville, TN 37209

DYOR

Batch ID or Lot Number: DYOR01022025	Test: Pesticides	Reported: 18Jan2025	USDA License: NA
Matrix: Plant	Test ID: T000296660	Started: 18Jan2025	Sampler ID: NA
	Method(s): TM16 (LC-QQ LC MS/MS)	Received: 10Jan2025	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	254 - 2789	ND
Acephate	25 - 2678	ND
Acetamiprid	39 - 2650	ND
Azoxystrobin	42 - 2766	ND
Bifenazate	257 - 2790	ND
Boscalid	312 - 2740	ND
Carbaryl	41 - 2753	ND
Carbofuran	42 - 2756	ND
Chlorantraniliprole	325 - 2722	ND
Chlorpyrifos	294 - 2678	ND
Clofentezine	280 - 2721	ND
Diazinon	281 - 2770	ND
Dichlorvos	332 - 2605	ND
Dimethoate	41 - 2638	ND
E-Fenpyroximate	289 - 2718	ND
Etofenprox	38 - 2739	ND
Etoxazole	39 - 2626	ND
Fenoxycarb	330 - 2709	ND
Fipronil	306 - 2640	ND
Flonicamid	40 - 2672	ND
Fludioxonil	345 - 2803	ND
Hexythiazox	282 - 2739	ND
Imazalil	40 - 2816	ND
Imidacloprid	39 - 2764	ND
Kresoxim-methyl	287 - 2824	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	325 - 2706	ND
Metalaxyl	278 - 2805	ND
Methiocarb	46 - 2759	ND
Methomyl	37 - 2716	ND
MGK 264 1	177 - 1596	ND
MGK 264 2	119 - 1080	ND
Myclobutanil	40 - 2784	ND
Naled	287 - 2665	ND
Oxamyl	38 - 2704	ND
Paclobutrazol	42 - 2754	ND
Permethrin	300 - 2756	ND
Phosmet	282 - 2692	ND
Prophos	329 - 2768	ND
Propoxur	40 - 2699	ND
Pyridaben	40 - 2751	ND
Spinosad A	31 - 2067	ND
Spinosad D	10 - 646	ND
Spiromesifen	32 - 2672	ND
Spirotetramat	289 - 2881	ND
Spiroxamine 1	19 - 1021	ND
Spiroxamine 2	26 - 1628	ND
Tebuconazole	292 - 2811	ND
Thiacloprid	43 - 2702	ND
Thiamethoxam	42 - 2699	ND
Trifloxystrobin	44 - 2707	ND

Final Approval



Sam Smith
18Jan2025
04:35:00 PM MST

PREPARED BY / DATE



Karen Winterheimer
18Jan2025
04:37:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5b3b2920-9369-4653-aa59-2fb851dc730b>

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

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.



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Prepared for:

Perfect Plant

300 White Bridge Pike - Suite B

Nashville, TN 37209

DYOR 11/05/2024

Batch ID or Lot Number: DYOR11052024	Test: Dry Weight Potency	Reported: 24Nov2024	USDA License: NA
Matrix: Plant	Test ID: T000293946	Started: 22Nov2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 20Nov2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.016	0.048	ND	ND	Dried Sample Moisture Content = 77.8% Measurement Uncertainty = 7.73% Results generated using a non-validated, non-compliant method. For informational purposes only.
Cannabichromenic Acid (CBCA)	0.015	0.044	0.154	0.142 - 0.166	
Cannabidiol (CBD)	0.039	0.140	0.200	0.185 - 0.215	
Cannabidiolic Acid (CBDA)	0.041	0.143	ND	ND	
Cannabidivarin (CBDV)	0.009	0.033	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.017	0.060	ND	ND	
Cannabigerol (CBG)	0.009	0.027	0.082	0.076 - 0.088	
Cannabigerolic Acid (CBGA)	0.038	0.113	0.760	0.701 - 0.819	
Cannabinol (CBN)	0.012	0.035	ND	ND	
Cannabinolic Acid (CBNA)	0.026	0.077	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.045	0.135	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.041	0.122	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.036	0.108	27.126	25.029 - 29.223	
Tetrahydrocannabivarin (THCV)	0.008	0.025	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.032	0.096	0.248	0.229 - 0.267	
Total Cannabinoids			28.570	26.362 - 30.778	
Total Potential THC			23.790	21.951 - 25.628	

Final Approval



Sam Smith
24Nov2024
06:53:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
24Nov2024
06:54:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/0a63e81f-a9c2-41d4-aed6-5b0f704e0154>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. 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.

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