

Prepared for:

AD Forward Solutions

919 Haywood Rd Unit 111
Asheville, NC USA 28806

Strawnana 10/28/2024

Batch ID or Lot Number: STW10292024	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 3
Reported: 12Nov2024	Started: 10Nov2024	Received: 08Nov2024	

Cannabinoids

Test ID: T000293109

Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.021	0.064	ND	ND	
Cannabichromenic Acid (CBCA)	0.019	0.058	0.278	0.256 - 0.300	
Cannabidiol (CBD)	0.072	0.170	ND	ND	
Cannabidiolic Acid (CBDA)	0.073	0.175	ND	ND	
Cannabidivarin (CBDV)	0.017	0.040	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.031	0.073	ND	ND	
Cannabigerol (CBG)	0.012	0.036	0.082	0.076 - 0.088	
Cannabigerolic Acid (CBGA)	0.050	0.151	0.268	0.247 - 0.289	
Cannabinol (CBN)	0.016	0.047	ND	ND	
Cannabinolic Acid (CBNA)	0.034	0.103	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.059	0.180	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.054	0.164	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.048	0.145	29.377	27.106 - 31.648	
Tetrahydrocannabivarin (THCV)	0.011	0.033	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.042	0.128	ND	ND	
Total Cannabinoids			30.005	27.651 - 32.359	
Total Potential THC			25.764	23.755 - 27.772	

Final Approval

 Judith Marquez
12Nov2024
09:40:00 AM MST
PREPARED BY / DATE

 Karen Winternheimer
12Nov2024
12:55:00 PM MST
APPROVED BY / DATE

Heavy Metals

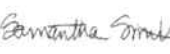
Test ID: T000293112

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: T000293110

Methods: TM16

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	124 - 1751	ND	Malathion	306 - 2641	ND
Acephate	42 - 2808	ND	Metalaxyl	290 - 2701	ND
Acetamiprid	43 - 2743	ND	Methiocarb	39 - 2758	ND
Azoxystrobin	80 - 2709	ND	Methomyl	44 - 2803	ND
Bifenazate	286 - 2688	ND	MGK 264 1	190 - 1582	ND
Boscalid	267 - 2671	ND	MGK 264 2	100 - 1099	ND
Carbaryl	42 - 2706	ND	Myclobutanil	45 - 2687	ND
Carbofuran	42 - 2699	ND	Naled	291 - 2678	ND
Chlorantraniliprole	252 - 2757	ND	Oxamyl	43 - 2807	ND
Chlorpyrifos	277 - 2745	ND	Paclobutrazol	43 - 2708	ND
Clofentezine	289 - 2737	ND	Permethrin	265 - 2805	ND
Diazinon	286 - 2700	ND	Phosmet	287 - 2573	ND
Dichlorvos	320 - 2667	ND	Prophos	256 - 2752	ND
Dimethoate	43 - 2757	ND	Propoxur	45 - 2700	ND
E-Fenpyroximate	300 - 2735	ND	Pyridaben	42 - 2775	ND
Etofenprox	44 - 2754	ND	Spinosad A	33 - 2079	ND
Etoxazole	42 - 2682	ND	Spinosad D	12 - 662	ND
Fenoxycarb	314 - 2657	ND	Spiromesifen	15 - 2750	ND
Fipronil	301 - 2729	ND	Spirotetramat	295 - 2719	ND
Flonicamid	53 - 2840	ND	Spiroxamine 1	17 - 1017	ND
Fludioxonil	304 - 2727	ND	Spiroxamine 2	22 - 1614	ND
Hexythiazox	294 - 2747	ND	Tebuconazole	302 - 2649	ND
Imazalil	39 - 2639	ND	Thiacloprid	43 - 2779	ND
Imidacloprid	40 - 2799	ND	Thiamethoxam	39 - 2795	ND
Kresoxim-methyl	288 - 2721	ND	Trifloxystrobin	44 - 2717	ND

Final Approval

Sam Smith
13Nov2024
11:39:00 AM MST
Samantha Smith
PREPARED BY / DATE

Karen Winternheimer
13Nov2024
11:40:00 AM MST
K Winternheimer
APPROVED BY / DATE

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Reported: 12Nov2024	Started: 10Nov2024	Received: 08Nov2024	

**Microbial
Contaminants**

Test ID: T000293111

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 ApprovalBrett Hudson
15Nov2024
02:44:00 PM MSTNora Langer
15Nov2024
02:52:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

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 # 4329.03 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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Prepared for:
AD Forward Solutions

919 Haywood Rd Unit 111
Asheville, NC USA 28806

Strawnana Terp

Batch ID or Lot Number: STRWTRP	Test: Terpenes	Reported: 05Jun2025	USDA License: NA
Matrix: Plant	Test ID: T000305327	Started: 03Jun2025	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 21May2025	Status: NA

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	0.1000	1.000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.3600	3.600
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	0.2700	2.700
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	0.0300	0.300
trans-Nerolidol	0.0000	0.0000
	0.7600	7.6000



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.1000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.3600
beta-Myrcene	0.0000
d-Limonene	0.2700
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval

[Signature]

Judith Marquez
05Jun2025
08:23:00 AM MDT

[Signature]

Sam Smith
05Jun2025
08:29:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/f3a7c6d9-cbae-4d2d-bdf9-0ebae7aec1f8>

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