SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
AD Forward Solutions
919 Haywood Rd Unit 111
Asheville, NC 28806

Mendo Breath 10/10/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
MB10102024	**Dry Weight Potency**	**05Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000292473	04Nov2024	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	25Oct2024	NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.020	0.065	ND	ND	
Cannabichromenic Acid (CBCA)	0.018	0.060	ND	ND	
Cannabidiol (CBD)	0.054	0.181	ND	ND	
Cannabidiolic Acid (CBDA)	0.055	0.185	ND	ND	
Cannabidivarin (CBDV)	0.013	0.043	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.023	0.077	ND	ND	
Cannabigerol (CBG)	0.011	0.037	ND	ND	
Cannabigerolic Acid (CBGA)	0.047	0.155	0.245	0.226 - 0.264	
Cannabinol (CBN)	0.015	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.032	0.106	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.056	0.185	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.051	0.168	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.045	0.149	21.549	19.883 - 23.215	
Tetrahydrocannabivarin (THCV)	0.010	0.034	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.040	0.131	ND	ND	
Total Cannabinoids			**21.794**	**20.100 - 23.488**	
Total Potential THC			18.898	17.438 - 20.359	

Final Approval

Sam Smith
05Nov2024
01:40:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
05Nov2024
01:42:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/55c2a810-4975-4afd-96e9-c2d22b3e25ce

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.

Cert #4329.02
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919 Haywood Rd Unit 111
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Mendo Breath 10/18/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
MB10182024	**Microbial Contaminants**	**07Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000292991	04Nov2024	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 01Nov2024	Status: NA

Microbial Contaminants

	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
07Nov2024
02:03:00 PM MST

PREPARED BY / DATE

Nora Langer
07Nov2024
03:56:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3955e67a-d1c7-4111-8dad-df28a7b20ed7

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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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Mendo Breath 10/18/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
MB10182024	**Heavy Metals**	**06Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant Material	T000292992	06Nov2024	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	01Nov2024	NA

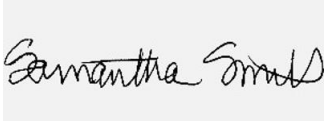
Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.70	ND	
Cadmium	0.05 - 4.70	ND	
Mercury	0.05 - 4.83	ND	
Lead	0.05 - 5.26	ND	

Final Approval

Judith Marquez
06Nov2024
12:31:00 PM MST

PREPARED BY / DATE



Sam Smith
06Nov2024
03:06:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/15bde210-209e-4967-bdb7-ddce44c84de5

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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Mendo Breath 10/18/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
MB10182024	**Pesticides**	**06Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000292990	05Nov2024	NA
	Method(s):	Received:	Status:
	TM16 (LC-QQ LC MS/MS)	01Nov2024	NA

Pesticides

	Dynamic Range (ppb)	Result (ppb)
Abamectin	365 - 2608	ND
Acephate	20 - 2685	ND
Acetamiprid	42 - 2680	ND
Azoxystrobin	80 - 2721	ND
Bifenazate	300 - 2753	ND
Boscalid	286 - 2672	ND
Carbaryl	43 - 2700	ND
Carbofuran	44 - 2716	ND
Chlorantraniliprole	269 - 2681	ND
Chlorpyrifos	293 - 2722	ND
Clofentezine	281 - 2763	ND
Diazinon	289 - 2717	ND
Dichlorvos	154 - 2604	ND
Dimethoate	43 - 2712	ND
E-Fenpyroximate	291 - 2756	ND
Etofenprox	42 - 2755	ND
Etoxazole	41 - 2687	ND
Fenoxycarb	111 - 2656	ND
Fipronil	297 - 2700	ND
Flonicamid	51 - 2778	ND
Fludioxonil	282 - 2628	ND
Hexythiazox	290 - 2770	ND
Imazalil	36 - 2780	ND
Imidacloprid	44 - 2713	ND
Kresoxim-methyl	270 - 2821	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	318 - 2693	ND
Metalaxyl	284 - 2752	ND
Methiocarb	42 - 2661	ND
Methomyl	44 - 2744	ND
MGK 264 1	185 - 1590	ND
MGK 264 2	108 - 1092	ND
Myclobutanil	43 - 2617	ND
Naled	257 - 2685	ND
Oxamyl	44 - 2740	ND
Paclobutrazol	47 - 2691	ND
Permethrin	246 - 2761	ND
Phosmet	287 - 2621	ND
Prophos	278 - 2674	ND
Propoxur	41 - 2711	ND
Pyridaben	45 - 2791	ND
Spinosad A	33 - 2097	ND
Spinosad D	9 - 673	ND
Spiromesifen	49 - 2760	ND
Spirotetramat	296 - 2808	ND
Spiroxamine 1	18 - 1003	ND
Spiroxamine 2	24 - 1590	ND
Tebuconazole	304 - 2750	ND
Thiacloprid	46 - 2738	ND
Thiamethoxam	43 - 2711	ND
Trifloxystrobin	44 - 2740	ND

Final Approval

Sam Smith
06Nov2024
09:18:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
06Nov2024
09:23:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/90fb01e0-2248-47d6-b993-105b8ec82b02

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

Cert #4329.02
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