

Prepared for:
BARDO LABS

2566 Pennsylvania Ave
Sayre, PA USA 18840

Full Spectrum Distillate

Batch ID or Lot Number: B12	Test: Potency	Reported: 26Apr2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241743	Started: 24Apr2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 20Apr2023	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.063	0.163	2.650	26.50	
Cannabichromenic Acid (CBCA)	0.057	0.149	ND	ND	
Cannabidiol (CBD)	0.183	0.431	72.400	724.00	
Cannabidiolic Acid (CBDA)	0.188	0.442	ND	ND	
Cannabidivarin (CBDV)	0.043	0.102	0.320	3.20	
Cannabidivarinic Acid (CBDVA)	0.078	0.184	ND	ND	
Cannabigerol (CBG)	0.036	0.093	2.020	20.20	
Cannabigerolic Acid (CBGA)	0.149	0.387	ND	ND	
Cannabinol (CBN)	0.047	0.121	0.350	3.50	
Cannabinolic Acid (CBNA)	0.102	0.264	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.178	0.461	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.161	0.419	3.100	31.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.143	0.371	ND	ND	
Tetrahydrocannabivarin (THCV)	0.032	0.084	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.126	0.328	ND	ND	
Total Cannabinoids			80.840	808.40	
Total Potential THC			3.100	31.00	
Total Potential CBD			72.400	724.00	

Final Approval



Karen Winternheimer
26Apr2023
08:59:00 AM MDT

PREPARED BY / DATE



Sam Smith
26Apr2023
09:01:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/620eb03e-c84b-4722-a9dc-f1c956a3bcc1>

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)).

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 Accredited by A2LA.



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Prepared for:
BARDO LABS

2566 Pennsylvania Ave
Sayre, PA USA 18840


Full Spectrum Distillate

Batch ID or Lot Number: B12	Test: Heavy Metals	Reported: 26Apr2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241746	Started: 25Apr2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 20Apr2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.36	ND	
Cadmium	0.04 - 4.35	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.47	ND	

Final Approval



Sam Smith
26Apr2023
03:52:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
26Apr2023
03:55:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5b75d186-b485-42f1-be28-2d545fe6b8c2>

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:
BARDO LABS

2566 Pennsylvania Ave
Sayre, PA USA 18840


Full Spectrum Distillate

Batch ID or Lot Number: B12	Test: Microbial Contaminants	Reported: 25Apr2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241745	Started: 21Apr2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 20Apr2023	Status: NA

Microbial Contaminants

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
<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



Brianne Maillot
24Apr2023
05:00:00 PM MDT

PREPARED BY / DATE



Eden Thompson-Wright
25Apr2023
09:43:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b2f8cb68-2948-40fd-95d7-98b741202845>

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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Prepared for:
BARDO LABS


2566 Pennsylvania Ave
Sayre, PA USA 18840

Full Spectrum Distillate

Batch ID or Lot Number: B12	Test: Pesticides	Reported: 28Apr2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241744	Started: 26Apr2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 20Apr2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	306 - 2596	ND	Malathion	285 - 2764	ND
Acephate	45 - 2781	ND	Metalaxyl	40 - 2734	ND
Acetamiprid	42 - 2707	ND	Methiocarb	46 - 2764	ND
Azoxystrobin	44 - 2716	ND	Methomyl	42 - 2765	ND
Bifenazate	41 - 2745	ND	MGK 264 1	173 - 1707	ND
Boscalid	42 - 2705	ND	MGK 264 2	120 - 1074	ND
Carbaryl	43 - 2723	ND	Myclobutanil	40 - 2755	ND
Carbofuran	42 - 2741	ND	Naled	59 - 2720	ND
Chlorantraniliprole	44 - 2778	ND	Oxamyl	42 - 2746	ND
Chlorpyrifos	40 - 2680	ND	Pacllobutrazol	44 - 2716	ND
Clofentezine	293 - 2743	ND	Permethrin	290 - 2751	ND
Diazinon	294 - 2730	ND	Phosmet	41 - 2724	ND
Dichlorvos	258 - 2731	ND	Prophos	326 - 2730	ND
Dimethoate	41 - 2706	ND	Propoxur	40 - 2714	ND
E-Fenpyroximate	283 - 2751	ND	Pyridaben	295 - 2692	ND
Etofenprox	43 - 2684	ND	Spinosad A	30 - 2073	ND
Etoxazole	294 - 2687	ND	Spinosad D	65 - 656	ND
Fenoxycarb	42 - 2732	ND	Spiromesifen	280 - 2752	ND
Fipronil	49 - 2742	ND	Spirotetramat	289 - 2782	ND
Flonicamid	49 - 2777	ND	Spiroxamine 1	19 - 1205	ND
Fludioxonil	289 - 2766	ND	Spiroxamine 2	25 - 1526	ND
Hexythiazox	45 - 2741	ND	Tebuconazole	289 - 2748	ND
Imazalil	275 - 2727	ND	Thiacloprid	43 - 2695	ND
Imidacloprid	47 - 2738	ND	Thiamethoxam	46 - 2735	ND
Kresoxim-methyl	25 - 2737	ND	Trifloxystrobin	44 - 2702	ND

Final Approval



Karen Winternheimer
28Apr2023
11:39:00 AM MDT

PREPARED BY / DATE



Sam Smith
28Apr2023
11:42:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e1e9cb7f-d2e0-4f6d-8e20-b756170406d0>

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:
BARDO LABS

2566 Pennsylvania Ave
Sayre, PA USA 18840

Full Spectrum Distillate

Batch ID or Lot Number: B12	Test: Residual Solvents	Reported: 26Apr2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241747	Started: 26Apr2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Apr2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	83 - 1651	ND	
Butanes (Isobutane, n-Butane)	170 - 3393	ND	
Methanol	53 - 1052	ND	
Pentane	85 - 1691	ND	
Ethanol	87 - 1749	ND	
Acetone	86 - 1728	ND	
Isopropyl Alcohol	89 - 1783	ND	
Hexane	5 - 101	ND	
Ethyl Acetate	86 - 1725	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	93 - 1860	ND	
Toluene	16 - 316	ND	
Xylenes (m,p,o-Xylenes)	113 - 2266	ND	

Final Approval


PREPARED BY / DATE

Sam Smith
26Apr2023
03:01:00 PM MDT


APPROVED BY / DATE

Karen Winternheimer
26Apr2023
03:03:00 PM MDT



<https://results.botanacor.com/api/v1/coas/uuid/5cc7c0a3-87ec-41b1-a589-5b95ab33e085>

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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