

CERTIFICATE OF ANALYSIS

Prepared for:
PET RELIEF

8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120

Organic Hemp Oil 500mg


Batch ID or Lot Number: 0523T312	Test: Potency	Reported: 09Jun2023	USDA License: N/A
Matrix: Unit	Test ID: T000245913	Started: 07Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 07Jun2023	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.864	6.102	19.738	0.70	# of Servings = 1 Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.705	5.581	ND	ND	
Cannabidiol (CBD)	5.284	14.963	519.270	18.55	
Cannabidiolic Acid (CBDA)	5.420	15.347	ND	ND	
Cannabidivarin (CBDV)	1.250	3.539	4.769	0.17	
Cannabidivarinic Acid (CBDVA)	2.261	6.402	ND	ND	
Cannabigerol (CBG)	1.059	3.465	11.959	0.43	
Cannabigerolic Acid (CBGA)	4.425	14.483	ND	ND	
Cannabinol (CBN)	1.381	4.520	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	3.019	9.881	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.272	17.255	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.788	15.670	32.105	1.15	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.242	13.884	ND	ND	
Tetrahydrocannabivarin (THCV)	0.963	3.151	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	3.742	12.246	ND	ND	
Total Cannabinoids			587.841	21.00	
Total Potential THC			32.105	1.15	
Total Potential CBD			519.270	18.55	

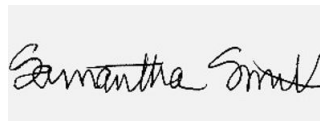
Approved: Paul Gennings QA/QC 06-09-2023

Final Approval



Karen Winternheimer
09Jun2023
01:59:00 PM MDT

PREPARED BY / DATE



Sam Smith
09Jun2023
02:01:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7a51273b-7955-4b94-87b8-ea366396022d>

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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CERTIFICATE OF ANALYSIS

Prepared for:
PET RELEASE

8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120


Organic Hemp Oil 500mg

Batch ID or Lot Number: 0523T312	Test: Heavy Metals	Reported: 14Jun2023	USDA License: NA
Matrix: Concentrate	Test ID: T000245916	Started: 12Jun2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 07Jun2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.40	ND	
Cadmium	0.05 - 4.54	ND	
Mercury	0.05 - 4.70	ND	
Lead	0.05 - 4.91	ND	

Final Approval



Sam Smith
14Jun2023
09:46:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
14Jun2023
09:48:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/41617371-6d4e-4c5d-8963-6471c0999174>

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:
PET RELEASE

8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120

Organic Hemp Oil 500mg

Batch ID or Lot Number: 0523T312	Test: Microbial Contaminants	Reported: 12Jun2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000245915	Started: 26May2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 07Jun2023	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



Brett Hudson
12Jun2023
03:07:00 PM MDT



Brianne Maillot
12Jun2023
05:09:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/42c731e7-002d-4dd8-8f13-5ee12f41bd30>

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:
PET RELIEF

8100 SOUTH PARK WAY A3
LITTLETON, CO USA 80120

Organic Hemp Oil 500mg


Batch ID or Lot Number: 0523T312	Test: Pesticides	Reported: 09Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000245914	Started: 08Jun2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 07Jun2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	331 - 2619	ND
Acephate	40 - 2714	ND
Acetamiprid	40 - 2702	ND
Azoxystrobin	46 - 2711	ND
Bifenazate	42 - 2692	ND
Boscalid	41 - 2623	ND
Carbaryl	39 - 2708	ND
Carbofuran	42 - 2712	ND
Chlorantraniliprole	42 - 2644	ND
Chlorpyrifos	44 - 2683	ND
Clofentezine	279 - 2741	ND
Diazinon	282 - 2710	ND
Dichlorvos	268 - 2731	ND
Dimethoate	42 - 2690	ND
E-Fenpyroximate	281 - 2706	ND
Etofenprox	42 - 2618	ND
Etoxazole	291 - 2665	ND
Fenoxycarb	31 - 2764	ND
Fipronil	45 - 2634	ND
Flonicamid	55 - 2716	ND
Fludioxonil	273 - 2638	ND
Hexythiazox	35 - 2731	ND
Imazalil	280 - 2760	ND
Imidacloprid	36 - 2711	ND
Kresoxim-methyl	46 - 2763	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2712	ND
Metalaxyl	42 - 2714	ND
Methiocarb	42 - 2645	ND
Methomyl	41 - 2736	ND
MGK 264 1	174 - 1684	ND
MGK 264 2	107 - 1086	ND
Myclobutanil	47 - 2661	ND
Naled	40 - 2731	ND
Oxamyl	41 - 2722	ND
Pacllobutrazol	41 - 2712	ND
Permethrin	308 - 2721	ND
Phosmet	47 - 2707	ND
Prophos	294 - 2641	ND
Propoxur	42 - 2703	ND
Pyridaben	288 - 2659	ND
Spinosad A	30 - 2082	ND
Spinosad D	62 - 654	ND
Spiromesifen	252 - 2670	ND
Spirotetramat	270 - 2756	ND
Spiroxamine 1	18 - 1158	ND
Spiroxamine 2	22 - 1479	ND
Tebuconazole	265 - 2723	ND
Thiacloprid	42 - 2694	ND
Thiamethoxam	41 - 2745	ND
Trifloxystrobin	44 - 2702	ND

Final Approval



Sam Smith
09Jun2023
01:23:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
09Jun2023
01:29:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7c5e3d69-c9c9-4e06-9b9e-02a2b60a6c35>

Definitions

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ppb = Parts Per Billion

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8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120

Organic Hemp Oil 500mg

Batch ID or Lot Number: 0523T312	Test: Potency	Reported: 09Jun2023	USDA License: N/A
Matrix: Unit	Test ID: T000245913	Started: 07Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 07Jun2023	Status: Active

Cannabinoids


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Tetrahydrocannabivarin (THCV)	0.963	3.151	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	3.742	12.246	ND	ND	
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Total Potential THC			32.105	1.15	
Total Potential CBD			519.270	18.55	

Final Approval



Karen Winternheimer
09Jun2023
01:59:00 PM MDT

PREPARED BY / DATE



Sam Smith
09Jun2023
02:01:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7a51273b-7955-4b94-87b8-ea366396022d>

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Prepared for:
PET RELEASE


8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120


Organic Hemp Oil 500mg

Batch ID or Lot Number: 0523T312	Test: Residual Solvents	Reported: 09Jun2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000245917	Started: 08Jun2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 07Jun2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1769	ND	
Butanes (Isobutane, n-Butane)	161 - 3227	ND	
Methanol	47 - 946	ND	
Pentane	72 - 1440	ND	
Ethanol	82 - 1640	ND	
Acetone	76 - 1522	ND	
Isopropyl Alcohol	83 - 1662	ND	
Hexane	4 - 87	ND	
Ethyl Acetate	77 - 1533	ND	
Benzene	0.2 - 3.2	ND	
Heptanes	78 - 1569	ND	
Toluene	14 - 282	ND	
Xylenes (m,p,o-Xylenes)	108 - 2166	ND	

Final Approval


Sam Smith
09Jun2023
08:26:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
09Jun2023
08:30:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/426ea05d-b93b-4423-aeb5-57b4c3fc679e>

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

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