



CERTIFICATE OF ANALYSIS

Prepared for:

 Pet Relief


Organic Hemp Oil 750mg

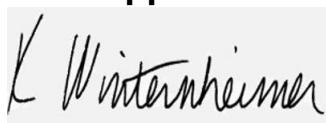
Batch ID or Lot Number: 0523T407	Test: Potency	Reported: 09Jun2023	USDA License: N/A
Matrix: Unit	Test ID: T000245809	Started: 07Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 06Jun2023	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.816	5.944	31.553	1.13	# of Servings = 1 Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.661	5.437	ND	ND	
Cannabidiol (CBD)	5.148	14.576	827.605	29.56	
Cannabidiolic Acid (CBDA)	5.280	14.950	ND	ND	
Cannabidivarin (CBDV)	1.217	3.447	7.596	0.27	
Cannabidivarinic Acid (CBDVA)	2.202	6.237	ND	ND	
Cannabigerol (CBG)	1.031	3.375	19.472	0.70	
Cannabigerolic Acid (CBGA)	4.311	14.109	ND	ND	
Cannabinol (CBN)	1.345	4.403	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	2.941	9.626	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.136	16.809	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.664	15.265	51.144	1.83	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.132	13.525	ND	ND	
Tetrahydrocannabivarin (THCV)	0.938	3.070	4.191	0.15	
Tetrahydrocannabivarinic Acid (THCVA)	3.645	11.930	ND	ND	
Total Cannabinoids			941.561	33.64	
Total Potential THC			51.144	1.83	
Total Potential CBD			827.605	29.56	


Final Approval

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



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/e76b0eef-0e0c-4e0e-ae9e-b6689ad4bc88>

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.



Cert #4329.02

CDPHE Certified

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CERTIFICATE OF ANALYSIS

Prepared for:
PET RELEASE

8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120


Organic Hemp Oil 750mg

Batch ID or Lot Number: 0523T407	Test: Heavy Metals	Reported: 21Jun2023	USDA License: NA
Matrix: Unit Co	Test ID: T000246776	Started: 20Jun2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 16Jun2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.34	ND	
Cadmium	0.05 - 4.81	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.09 - 8.80	ND	

Final Approval



Sam Smith
21Jun2023
01:32:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
21Jun2023
01:35:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3c52f777-0f6f-4190-a598-2defcfab1084>

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 750mg

Batch ID or Lot Number: 0523T407	Test: Microbial Contaminants	Reported: 21Jun2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000246775	Started: 26May2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 16Jun2023	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



Eden Thompson-Wright
21Jun2023
10:02:00 AM MDT

PREPARED BY / DATE



Brianne Maillot
21Jun2023
10:25:00 AM MDT

APPROVED BY / DATE



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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 RELEASE


8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Organic Hemp Oil 750mg

Batch ID or Lot Number: 0523T407	Test: Pesticides	Reported: 22Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000246774	Started: 21Jun2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 16Jun2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	359 - 2662	ND	Malathion	313 - 2747	ND
Acephate	42 - 2788	ND	Metalaxyl	43 - 2758	ND
Acetamiprid	45 - 2762	ND	Methiocarb	40 - 2804	ND
Azoxystrobin	46 - 2737	ND	Methomyl	43 - 2762	ND
Bifenazate	42 - 2752	ND	MGK 264 1	177 - 1685	ND
Boscalid	45 - 2816	ND	MGK 264 2	126 - 1066	ND
Carbaryl	42 - 2713	ND	Myclobutanil	40 - 2798	ND
Carbofuran	44 - 2721	ND	Naled	47 - 2746	ND
Chlorantraniliprole	39 - 2775	ND	Oxamyl	42 - 2779	ND
Chlorpyrifos	37 - 2717	ND	Pacllobutrazol	46 - 2719	ND
Clofentezine	279 - 2768	ND	Permethrin	295 - 2705	ND
Diazinon	297 - 2737	ND	Phosmet	39 - 2766	ND
Dichlorvos	258 - 2752	ND	Prophos	298 - 2802	ND
Dimethoate	42 - 2735	ND	Propoxur	44 - 2715	ND
E-Fenpyroximate	288 - 2720	ND	Pyridaben	294 - 2688	ND
Etofenprox	42 - 2698	ND	Spinosad A	31 - 2075	ND
Etoxazole	295 - 2696	ND	Spinosad D	67 - 664	ND
Fenoxycarb	18 - 2770	ND	Spiromesifen	288 - 2694	ND
Fipronil	41 - 2829	ND	Spirotetramat	296 - 2800	ND
Flonicamid	47 - 2822	ND	Spiroxamine 1	16 - 1250	ND
Fludioxonil	319 - 2813	ND	Spiroxamine 2	22 - 1552	ND
Hexythiazox	43 - 2735	ND	Tebuconazole	310 - 2775	ND
Imazalil	278 - 2786	ND	Thiacloprid	44 - 2756	ND
Imidacloprid	40 - 2763	ND	Thiamethoxam	44 - 2791	ND
Kresoxim-methyl	41 - 2808	ND	Trifloxystrobin	43 - 2724	ND

Final Approval



Karen Winternheimer
22Jun2023
12:35:00 PM MDT

PREPARED BY / DATE



Sam Smith
22Jun2023
12:41:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b5ef0893-2000-4b94-a4c7-fa0896680633>

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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CERTIFICATE OF ANALYSIS

Prepared for:
PET RELEASE

8100 SOUTHPARK WAY A3
LITTLETON, CO USA 80120


Organic Hemp Oil 750mg


Batch ID or Lot Number: 0523T407	Test: Residual Solvents	Reported: 20Jun2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000246777	Started: 18Jun2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 16Jun2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	120 - 2391	ND	
Butanes (Isobutane, n-Butane)	240 - 4807	ND	
Methanol	66 - 1310	ND	
Pentane	117 - 2343	ND	
Ethanol	105 - 2106	ND	
Acetone	110 - 2199	ND	
Isopropyl Alcohol	104 - 2072	ND	
Hexane	7 - 138	ND	
Ethyl Acetate	109 - 2182	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	114 - 2275	ND	
Toluene	18 - 365	ND	
Xylenes (m,p,o-Xylenes)	124 - 2479	ND	

Approved: Paul Gennings QA/QC 06/20/2023

Final Approval


Sam Smith
20Jun2023
01:00:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
20Jun2023
12:59:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/221562f5-0e5c-4af6-8710-f74d1f1fea460>

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

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