

Prepared for:

Sapphire Essentials LLC1975 E. Western Reserve Road. Suite B2
Poland, OH USA 44514**500mg Oil**

Batch ID or Lot Number: 001	Test: Potency	Reported: 11Feb2022	USDA License: N/A
Matrix: Unit	Test ID: T000191729	Started: 10Feb2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 08Feb2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.662	5.136	ND	ND	# of Servings = 1, Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.520	4.698	ND	ND	
Cannabidiol (CBD)	3.756	13.674	482.700	17.20	
Cannabidiolic Acid (CBDA)	3.852	14.024	ND	ND	
Cannabidivarin (CBDV)	0.888	3.234	3.120	0.10	
Cannabidivarinic Acid (CBDVA)	1.607	5.850	ND	ND	
Cannabigerol (CBG)	0.943	2.916	ND	ND	
Cannabigerolic Acid (CBGA)	3.944	12.191	ND	ND	
Cannabinol (CBN)	1.231	3.804	ND	ND	
Cannabinolic Acid (CBNA)	2.691	8.317	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.699	14.524	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.267	13.190	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.781	11.686	ND	ND	
Tetrahydrocannabivarin (THCV)	0.858	2.653	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.335	10.308	ND	ND	
Total Cannabinoids			485.820	17.35	
Total Potential THC**			ND	ND	
Total Potential CBD**			482.700	17.24	

Final ApprovalDaniel Weidensaul
11Feb2022
01:28:00 PM MSTRyan Weems
11Feb2022
01:30:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/30ac8a54-3bc5-46c6-a16e-66fb5a282f3d>**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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/ IEC 17025:2005 Accredited A2LA.



Cert #4329.02

30ac8a543bc546c6a16e66fb5a282f3d.4


Prepared for:

Sapphire Essentials LLC1975 E. Western Reserve Road. Suite B2
Poland, OH USA 44514**500mg Oil**

Batch ID or Lot Number: 001	Test: Microbial Contaminants	Reported: 14Feb2022	USDA License: NA
Matrix: Finished Product	Test ID: T000191730	Started: 08Feb2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 08Feb2022	Status: NA

Microbial**Contaminants**

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	1.0 CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
<i>Salmonella</i>	TM25: PCR	1.0 CFU/g	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 ApprovalEden Thompson-Wright
11Feb2022
03:22:00 PM MST

PREPARED BY / DATE

Brianne Maillot
11Feb2022
04:08:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/0569e4a5-6115-477e-bfa6-843ec16e7199>**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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Cert #4329.02

0569e4a56115477ebfa6843ec16e7199.1

CBD Oil 500mg

Batch ID:	1	Test ID:	2175642.004
Reported:	22-Jul-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

Sam Smith
22-Jul-2019
1:09 PMDavid Green
22-Jul-2019
1:32 PM

PREPARED BY / DATE

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Certificate #4329.02

Oil 500mg


Batch ID:	01	Test ID:	1786451.003
Reported:	6-Aug-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2478	ND*	Malathion	54 - 2478	ND*
Acetamiprid	54 - 2478	ND*	Metalaxyl	321 - 2478	ND*
Avermectin	321 - 2478	N/A	Methiocarb	54 - 2478	ND*
Azoxystrobin	54 - 2478	ND*	Methomyl	54 - 2478	ND*
Bifenazate	54 - 2478	ND*	MGK 264 1	54 - 2478	ND*
Boscalid	321 - 2478	ND*	MGK 264 2	321 - 2478	ND*
Carbaryl	54 - 2478	ND*	Myclobutanil	321 - 2478	ND*
Carbofuran	54 - 2478	ND*	Naled	321 - 2478	ND*
Chlorantraniliprole	54 - 2478	ND*	Oxamyl	54 - 2478	ND*
Chlorpyrifos	321 - 2478	ND*	Paclobutrazol	54 - 2478	ND*
Clofentezine	54 - 2478	ND*	Permethrin	321 - 2478	ND*
Diazinon	54 - 2478	ND*	Phosmet	54 - 2478	ND*
Dichlorvos	321 - 2478	ND*	Prophos	321 - 2478	ND*
Dimethoate	54 - 2478	ND*	Propoxur	321 - 2478	ND*
E-Fenpyroximate	321 - 2478	ND*	Pyridaben	321 - 2478	ND*
Etofenprox	321 - 2478	ND*	Spinosad A	54 - 2478	ND*
Etoxazole	321 - 2478	ND*	Spinosad D	321 - 2478	ND*
Fenoxycarb	54 - 2478	ND*	Spiromesifen	54 - 2478	ND*
Fipronil	321 - 2478	N/A	Spirotetramat	321 - 2478	ND*
Flonicamid	54 - 2478	ND*	Spiroxamine 1	54 - 2478	ND*
Fludioxonil	321 - 2478	ND*	Spiroxamine 2	54 - 2478	ND*
Hexythiazox	321 - 2478	ND*	Tebuconazole	54 - 2478	ND*
Imazalil	321 - 2478	ND*	Thiacloprid	54 - 2478	ND*
Imidacloprid	54 - 2478	ND*	Thiamethoxam	54 - 2478	ND*
Kresoxim-methyl	54 - 2478	ND*	Trifloxystrobin	321 - 2478	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


Chris Jungling
6-Aug-2019
7:51 PM
PREPARED BY / DATE


Mike Bravold
6-Aug-2019
8:25 PM
APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.