

Prepared for:

Sapphire Essentials LLC1975 E. Western Reserve Road. Suite B2
Poland, OH USA 44514**Softgels Plain**

Batch ID or Lot Number: 007	Test: Potency	Reported: 11Feb2022	USDA License: N/A
Matrix: Unit	Test ID: T000191727	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)	0.094	0.290	ND	ND	# of Servings = 1, Sample Weight=0.61g
Cannabichromenic Acid (CBCA)	0.086	0.265	ND	ND	
Cannabidiol (CBD)	0.212	0.772	27.160	44.50	
Cannabidiolic Acid (CBDA)	0.217	0.791	ND	ND	
Cannabidivarin (CBDV)	0.050	0.183	0.220	0.40	
Cannabidivarinic Acid (CBDVA)	0.091	0.330	ND	ND	
Cannabigerol (CBG)	0.053	0.165	ND	ND	
Cannabigerolic Acid (CBGA)	0.223	0.688	ND	ND	
Cannabinol (CBN)	0.069	0.215	ND	ND	
Cannabinolic Acid (CBNA)	0.152	0.469	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.265	0.820	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.241	0.744	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.213	0.660	ND	ND	
Tetrahydrocannabivarin (THCV)	0.048	0.150	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.188	0.582	ND	ND	
Total Cannabinoids			27.380	44.85	
Total Potential THC**			ND	ND	
Total Potential CBD**			27.160	44.49	

Final ApprovalDaniel Weidensaul
11Feb2022
01:28:00 PM MST

PREPARED BY / DATE

Ryan Weems
11Feb2022
01:30:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/1452a78b-cfa8-4b4f-9b93-e54f4e4e4138>**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

1452a78bcfa84b4f9b93e54f4e4e4138.4

Prepared for:

Sapphire Essentials LLC

1975 E. Western Reserve Road. Suite B2
Poland, OH USA 44514

Softgels Plain

Batch ID or Lot Number: 007	Test: Microbial Contaminants	Reported: 14Feb2022	USDA License: NA
Matrix: Finished Product	Test ID: T000191728	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
<i>Salmonella</i>	TM25: PCR	1.0 CFU/g	NA	Absent	None Detected
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	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
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/f57af337-51ca-4d0a-88bf-8577df5cdb49>

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

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Gel Caps

Batch ID:	04	Test ID:	7434248.007
Reported:	12-Aug-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	1333
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


Karen Winternheimer
12-Aug-2019
3:38 PM
David Green
12-Aug-2019
3:40 PM

PREPARED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Gel Caps


Batch ID:	04	Test ID:	1786451.006
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	49 - 2285	ND*	Malathion	49 - 2285	ND*
Acetamiprid	49 - 2285	ND*	Metalaxyl	296 - 2285	ND*
Avermectin	296 - 2285	N/A	Methiocarb	49 - 2285	ND*
Azoxystrobin	49 - 2285	ND*	Methomyl	49 - 2285	ND*
Bifenazate	49 - 2285	ND*	MGK 264 1	49 - 2285	ND*
Boscalid	296 - 2285	ND*	MGK 264 2	296 - 2285	ND*
Carbaryl	49 - 2285	ND*	Myclobutanil	296 - 2285	ND*
Carbofuran	49 - 2285	ND*	Naled	296 - 2285	ND*
Chlorantraniliprole	49 - 2285	ND*	Oxamyl	49 - 2285	ND*
Chlorpyrifos	296 - 2285	ND*	Paclobutrazol	49 - 2285	ND*
Clofentezine	49 - 2285	ND*	Permethrin	296 - 2285	ND*
Diazinon	49 - 2285	ND*	Phosmet	49 - 2285	ND*
Dichlorvos	296 - 2285	ND*	Prophos	296 - 2285	ND*
Dimethoate	49 - 2285	ND*	Propoxur	296 - 2285	ND*
E-Fenpyroximate	296 - 2285	ND*	Pyridaben	296 - 2285	ND*
Etofenprox	296 - 2285	ND*	Spinosad A	49 - 2285	ND*
Etoxazole	296 - 2285	ND*	Spinosad D	296 - 2285	ND*
Fenoxycarb	49 - 2285	ND*	Spiromesifen	49 - 2285	ND*
Fipronil	296 - 2285	N/A	Spirotetramat	296 - 2285	ND*
Flonicamid	49 - 2285	ND*	Spiroxamine 1	49 - 2285	ND*
Fludioxonil	296 - 2285	ND*	Spiroxamine 2	49 - 2285	ND*
Hexythiazox	296 - 2285	ND*	Tebuconazole	49 - 2285	ND*
Imazalil	296 - 2285	ND*	Thiacloprid	49 - 2285	ND*
Imidacloprid	49 - 2285	ND*	Thiamethoxam	49 - 2285	ND*
Kresoxim-methyl	49 - 2285	ND*	Trifloxystrobin	296 - 2285	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.