

Prepared for:
Sapphire Essentials LLC
 1975 E. Western Reserve Road. Suite B2
 Poland, OH USA 44514

Softgels Melatonin

Batch ID or Lot Number: 011	Test: Potency	Reported: 11Feb2022	USDA License: N/A
Matrix: Unit	Test ID: T000191723	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=0.628g
Cannabichromenic Acid (CBCA)	0.086	0.265	ND	ND	
Cannabidiol (CBD)	0.212	0.772	25.600	40.80	
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			25.820	41.14	
Total Potential THC**			ND	ND	
Total Potential CBD**			25.600	40.79	

Final Approval



Daniel 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/cd30a451-26eb-443c-b730-ee871c152be4>

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

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Prepared for:

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

Batch ID or Lot Number: 011	Test: Microbial Contaminants	Reported: 14Feb2022	USDA License: NA
Matrix: Finished Product	Test ID: T000191724	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 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/df27b570-5a5f-4a12-a634-fb33a5b25013>**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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Gel Caps Melatonin


Batch ID:	05	Test ID:	1786451.007
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	57 - 2642	ND*	Malathion	57 - 2642	ND*
Acetamiprid	57 - 2642	ND*	Metalaxyl	342 - 2642	ND*
Avermectin	342 - 2642	N/A	Methiocarb	57 - 2642	ND*
Azoxystrobin	57 - 2642	ND*	Methomyl	57 - 2642	ND*
Bifenazate	57 - 2642	ND*	MGK 264 1	57 - 2642	ND*
Boscalid	342 - 2642	ND*	MGK 264 2	342 - 2642	ND*
Carbaryl	57 - 2642	ND*	Myclobutanil	342 - 2642	ND*
Carbofuran	57 - 2642	ND*	Naled	342 - 2642	ND*
Chlorantraniliprole	57 - 2642	ND*	Oxamyl	57 - 2642	ND*
Chlorpyrifos	342 - 2642	ND*	Paclobutrazol	57 - 2642	ND*
Clofentezine	57 - 2642	ND*	Permethrin	342 - 2642	ND*
Diazinon	57 - 2642	ND*	Phosmet	57 - 2642	ND*
Dichlorvos	342 - 2642	ND*	Prophos	342 - 2642	ND*
Dimethoate	57 - 2642	ND*	Propoxur	342 - 2642	ND*
E-Fenpyroximate	342 - 2642	ND*	Pyridaben	342 - 2642	ND*
Etofenprox	342 - 2642	ND*	Spinosad A	57 - 2642	ND*
Etoxazole	342 - 2642	ND*	Spinosad D	342 - 2642	ND*
Fenoxycarb	57 - 2642	ND*	Spiromesifen	57 - 2642	ND*
Fipronil	342 - 2642	N/A	Spirotetramat	342 - 2642	ND*
Flonicamid	57 - 2642	ND*	Spiroxamine 1	57 - 2642	ND*
Fludioxonil	342 - 2642	ND*	Spiroxamine 2	57 - 2642	ND*
Hexythiazox	342 - 2642	ND*	Tebuconazole	57 - 2642	ND*
Imazalil	342 - 2642	ND*	Thiacloprid	57 - 2642	ND*
Imidacloprid	57 - 2642	ND*	Thiamethoxam	57 - 2642	ND*
Kresoxim-methyl	57 - 2642	ND*	Trifloxystrobin	342 - 2642	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.

Gel Caps Melatonin

Batch ID:	05	Test ID:	7434248.008
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	597
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

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