

Certificate of Analysis

Customer	CANOPY
Product	SLEEP SCIENCE CREAM 20ML
Orean Code	FCAN004RP
Batch Code	1GF
Date of Manufacture	07/07/2021

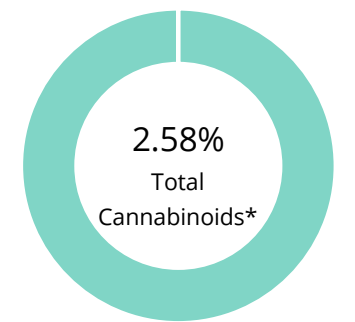
Test Method No.	Characteristic	Specification Limits	Results
QP09	Appearance	Opaque Creamy Emulsion	PASS
QP09	Odour	PF61954 Deep Calm (This Works)	PASS
QP09	Colour	Pale Yellow	PASS
QP10	pH @ 20°C	6.0 - 6.5	6.07
QP12	Viscosity @ 20°C	7,000 - 11,000 T Bar Speed 10	8,300
External	TVC B,Y & M	<10cfu's/g	PASS
QP11	S.G.	0.95 - 1.00 g/mL	0.993

We confirm that this material conforms to the agreed specification.

Sleep Science Cream

Batch ID:	1GF	Test ID:	T000152598
Type:	Concentrate	Submitted:	07/19/2021 @ 09:28 AM
Test:	Potency	Started:	7/19/2021
Method:	TM14	Reported:	7/20/2021

CANNABINOID PROFILE



CBD 2.52%

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	ND	ND
Cannabidiolic acid (CBDA)	0.06	ND	ND
Cannabidiol (CBD)	0.06	2.52	25.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	0.06	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
Total Cannabinoids		2.58	25.8
Total Potential THC**		ND	ND
Total Potential CBD**		2.52	25.2

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and



Total CBD = CBD + (CBDa *(0.877))

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

NOTES:

N/A

FINAL APPROVAL

	Daniel Weidensaul 20-Jul-2021 1:16 PM		Sam Smith 20-Jul-2021 1:27 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

Prepared for:

Sleep Science Cream
This Works

Batch ID or Lot Number: 1GF	Test: Residual Solvents	Reported: 7/22/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: N/A	Test ID: T000152602	Started: 7/21/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 07/19/2021 @ 09:28 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	94 - 1873	*ND	
Butanes (Isobutane, n-Butane)	174 - 3474	*ND	
Methanol	62 - 1241	*ND	
Pentane	92 - 1835	*ND	
Ethanol	92 - 1843	*ND	
Acetone	98 - 1951	*ND	
Isopropyl Alcohol	105 - 2092	*ND	
Hexane	6 - 120	*ND	
Ethyl Acetate	99 - 1974	*ND	
Benzene	0 - 4	*ND	
Heptanes	95 - 1897	*ND	
Toluene	18 - 359	*ND	
Xylenes (m,p,o-Xylenes)	131 - 2622	*ND	



 Taylor Brevik
22-Jul-21
9:45 AM



 Sam Smith
22-Jul-21
9:52 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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.



Certificate #4329.02

Prepared for:

Sleep Science Cream**This Works**

Batch ID or Lot Number: 1GF	Test: Mycotoxins	Reported: 7/22/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: Concentrate	Test ID: T000152603	Started: 7/20/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 07/19/2021 @ 09:28 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	15 - 449.9	ND	N/A
Aflatoxin B1	4 - 113.5	ND	
Aflatoxin B2	5.6 - 109.3	ND	
Aflatoxin G1	3.9 - 111.1	ND	
Aflatoxin G2	8.9 - 111	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Sam Smith
22-Jul-21
11:21 AM

PREPARED BY / DATE

Chris Jungling
22-Jul-21
3:17 PM

APPROVED BY / DATE

Definitions

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

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.

Sleep Science Cream

Batch ID:	1GF	Test ID:	T000152600
Type:	Concentrate	Submitted:	07/19/2021 @ 09:28 AM
Test:	Pesticides	Started:	7/21/2021
Method:	TM17 (UHPLC-QQQ LC MS/MS)	Reported:	7/22/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2337	ND*	Malathion	271 - 2337	ND*
Acetamiprid	38 - 2337	ND*	Metalaxyl	42 - 2337	ND*
Abamectin	>279	ND*	Methiocarb	42 - 2337	ND*
Azoxystrobin	41 - 2337	ND*	Methomyl	42 - 2337	ND*
Bifenazate	42 - 2337	ND*	MGK 264 1	165 - 2337	ND*
Boscalid	57 - 2337	ND*	MGK 264 2	109 - 2337	ND*
Carbaryl	41 - 2337	ND*	Myclobutanil	42 - 2337	ND*
Carbofuran	40 - 2337	ND*	Naled	43 - 2337	ND*
Chlorantraniliprole	51 - 2337	ND*	Oxamyl	37 - 2337	ND*
Chlorpyrifos	41 - 2337	ND*	Pacllobutrazol	43 - 2337	ND*
Clofentezine	264 - 2337	ND*	Permethrin	259 - 2337	ND*
Diazinon	263 - 2337	ND*	Phosmet	40 - 2337	ND*
Dichlorvos	>270	ND*	Prophos	275 - 2337	ND*
Dimethoate	40 - 2337	ND*	Propoxur	40 - 2337	ND*
E-Fenpyroximate	312 - 2337	ND*	Pyridaben	268 - 2337	ND*
Etofenprox	39 - 2337	ND*	Spinosad A	25 - 2337	ND*
Etoxazole	285 - 2337	ND*	Spinosad D	74 - 2337	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>287	ND*
Fipronil	40 - 2337	ND*	Spirotetramat	>282	ND*
Flonicamid	44 - 2337	ND*	Spiroxamine 1	17 - 2337	ND*
Fludioxonil	>283	ND*	Spiroxamine 2	23 - 2337	ND*
Hexythiazox	36 - 2337	ND*	Tebuconazole	266 - 2337	ND*
Imazalil	260 - 2337	ND*	Thiacloprid	39 - 2337	ND*
Imidacloprid	42 - 2337	ND*	Thiamethoxam	44 - 2337	ND*
Kresoxim-methyl	53 - 2337	ND*	Trifloxystrobin	39 - 2337	ND*

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

N/A

FINAL APPROVAL


 Sam Smith
 22-Jul-2021
 9:05 AM


 Tavlör Brevik
 22-Jul-2021
 9:07 AM

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.



Certificate #4329.02


Prepared for:

Sleep Science Cream**This Works**

Batch ID or Lot Number: 1GF	Test: Metals	Reported: 7/21/21	Location: 53 St. George's Rd. Wimbledon, London SW19 4AE
Matrix: Unit	Test ID: T000152601	Started: 7/20/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 07/19/2021 @ 09:28 AM	Sampler ID: N/A


HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.050 - 4.97	ND	
Cadmium	0.044 - 4.43	ND	
Mercury	0.045 - 4.46	ND	
Lead	0.044 - 4.41	ND	



Ryan Weems
21-Jul-21
3:03 PM

PREPARED BY / DATE



Sam Smith
21-Jul-21
3:09 PM

APPROVED BY / DATE

Definitions

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

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.



Certificate #4329.02