

CERTIFICATE OF ANALYSIS

CUSTOMER	CANOPY
PRODUCT	CANOPY SLEEP SCIENCE CREAM
OREAN CODE	FCAN006RP
WORKS ORDER	13597-006/1/1
JULIAN CODE	128406A
DATE OF MANUFACTURE	29 November 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	13,500 - 16,000 Cps (T Bar Speed 10)	13600
QP04	TVC B,Y & M	<10cfu's/g	PASS
QP11	S.G. @ 20°C	0.95 - 1.00 g/ML	0.989

We confirm that this material conforms to the agreed specification.

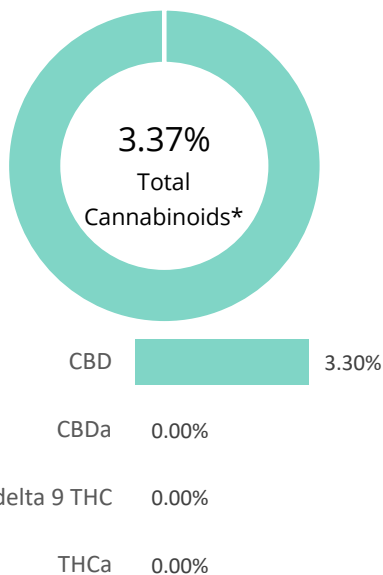


Company registered in England: BD19 4TT. Company Registration No. 6723673. VAT Registration No. GB942031036 7

Sleep Science Cream 150mL

Batch ID:	128406A	Test ID:	T000178885
Type:	Concentrate	Submitted:	12/03/2021 @ 10:17 AM
Test:	Potency	Started:	12/3/2021
Method:	TM14 (HPLC-DAD)	Reported:	12/3/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	ND	ND
Cannabidiolic acid (CBDA)	0.05	ND	ND
Cannabidiol (CBD)	0.05	3.30	33.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.04	ND	ND
Cannabigerol (CBG)	0.01	0.07	0.7
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		3.37	33.7
Total Potential THC**		ND	ND
Total Potential CBD**		3.30	33.0

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$



$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

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

NOTES:

N/A

FINAL APPROVAL

 Jacob Miller 3-Dec-2021 5:44 PM	 Rvan Weems 3-Dec-2021 5:46 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 150mL
This Works


Batch ID or Lot Number: 128406A	Test: Mycotoxins	Reported: 12/6/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: Concentrate	Test ID: T000178889	Started: 12/3/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 12/03/2021 @ 10:17 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.2 - 123.1	ND	N/A
Aflatoxin B1	1 - 31.5	ND	
Aflatoxin B2	1.1 - 31.5	ND	
Aflatoxin G1	1 - 31.3	ND	
Aflatoxin G2	1.4 - 30.9	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Ryan Weems
 6-Dec-21
 4:00 PM

PREPARED BY / DATE


 Courtney Richards
 6-Dec-21
 4:25 PM

APPROVED BY / DATE

Definitions

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Prepared for:

Sleep Science Cream 150mL**This Works**

Batch ID or Lot Number: 128406A	Test: Metals	Reported: 12/6/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: Unit	Test ID: T000178887	Started: 12/6/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 12/03/2021 @ 10:17 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.041 - 4.15	ND	
Cadmium	0.044 - 4.38	ND	
Mercury	0.044 - 4.42	ND	
Lead	0.043 - 4.34	ND	

Ryan Weems
6-Dec-21
5:16 PMDaniel Weidensaul
6-Dec-21
5:36 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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Prepared for:

Sleep Science Cream 150mL
This Works

Batch ID or Lot Number: 128406A	Test: Pesticides	Reported: 12/7/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
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Matrix: Concentrate	Test ID: T000178886	Started: 12/5/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 12/03/2021 @ 10:17 AM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	41	ND	Fenoxycarb	40	ND	Paclobutrazol	41	ND
Acetamiprid	41	ND	Fipronil	45	ND	Permethrin	258	ND
Avermectin	295	ND	Flonicamid	45	ND	Phosmet	43	ND
Azoxystrobin	42	ND	Fludioxonil	279	ND	Prophos	279	ND
Bifenazate	38	ND	Hexythiazox	37	ND	Propoxur	41	ND
Boscalid	46	ND	Imazalil	263	ND	Pyridaben	284	ND
Carbaryl	37	ND	Imidacloprid	44	ND	Spinosad A	43	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	282	ND
Chlorantraniliprole	55	ND	Malathion	285	ND	Spiromesifen	278	ND
Chlorpyrifos	500	ND	Metalaxyl	40	ND	Spirotetramat	306	ND
Clofentezine	282	ND	Methiocarb	38	ND	Spiroxamine 1	36	ND
Diazinon	280	ND	Methomyl	43	ND	Spiroxamine 2	35	ND
Dichlorvos	290	ND	MGK 264 1	356	ND	Tebuconazole	302	ND
Dimethoate	42	ND	MGK 264 2	277	ND	Thiacloprid	40	ND
E-Fenpyroximate	293	ND	Myclobutanil	42	ND	Thiamethoxam	37	ND
Etofenprox	40	ND	Naled	42	ND	Trifloxystrobin	41	ND
Etoxazole	307	ND	Oxamyl	1500	ND			


 Karen Winternheimer
 12/7/2021
 4:02:00 PM


 Sam Smith
 12/7/2021
 4:14:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Prepared for:


Sleep Science Cream 150mL
This Works

Batch ID or Lot Number: 128406A	Test: Residual Solvents	Reported: 12/3/21	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: N/A	Test ID: T000178888	Started: 12/3/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 12/03/2021 @ 10:17 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	99 - 1978	*ND	
Butanes (Isobutane, n-Butane)	176 - 3523	*ND	
Methanol	61 - 1212	*ND	
Pentane	87 - 1739	*ND	
Ethanol	82 - 1639	*ND	
Acetone	96 - 1914	*ND	
Isopropyl Alcohol	99 - 1972	*ND	
Hexane	6 - 122	*ND	
Ethyl Acetate	104 - 2080	*ND	
Benzene	0.2 - 4.3	*ND	
Heptanes	94 - 1889	*ND	
Toluene	18 - 361	*ND	
Xylenes (m,p,o-Xylenes)	127 - 2538	*ND	


 Daniel Weidensaul
 3-Dec-21
 4:49 PM


 Ryan Weems
 3-Dec-21
 4:52 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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