

## Certificate of Analysis

Customer	THIS WORKS
Product	CANOPY SLEEP SCIENCE CREAM 150ml
Orean Code	FCAN006PR
Batch Code	119611
Date of Manufacture	07/07/2021

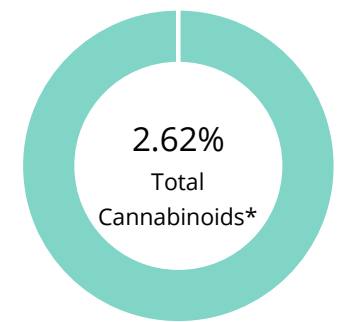
Test Method No.	Characteristic	Specification Limits	Results
QP09	Appearance	Opaque Creamy Emulsion	PASS
QP09	Odour	PF61954 Deep Calm (This Works)	PASS
QP09	Colour	Pale Yellow	PASS
QP10	pH @ 20oC	6.0 - 6.5	6.07
QP12	Viscosity @ 20oC	7,000 - 11,000 T Bar Speed 10	8,300
External	TVC B,Y & M	<10cfu's/g	PASS
QP11	S.G.	0.95 - 1.00 g/mL	0.99

We confirm that this material conforms to the agreed specification.

## Sleep Science

<b>Batch ID:</b>	119611	<b>Test ID:</b>	T000152628
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/19/2021 @ 09:28 AM
<b>Test:</b>	Potency	<b>Started:</b>	7/19/2021
<b>Method:</b>	TM14	<b>Reported:</b>	7/20/2021

## CANNABINOID PROFILE



CBD 2.56%

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	2.56	25.6
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
<b>Total Cannabinoids</b>		<b>2.62</b>	<b>26.2</b>
Total Potential THC**		ND	ND
Total Potential CBD**		2.56	25.6

% = % (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
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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**
**This Works**

Batch ID or Lot Number: <b>119611</b>	Test: <b>Residual Solvents</b>	Reported: <b>7/22/21</b>	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: N/A	Test ID: T000152632	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	92 - 1846	*ND	
Butanes (Isobutane, n-Butane)	171 - 3423	*ND	
Methanol	61 - 1223	*ND	
Pentane	90 - 1809	*ND	
Ethanol	91 - 1816	*ND	
Acetone	96 - 1922	*ND	
Isopropyl Alcohol	103 - 2061	*ND	
Hexane	6 - 118	*ND	
Ethyl Acetate	97 - 1945	*ND	
Benzene	0 - 4	*ND	
Heptanes	93 - 1870	*ND	
Toluene	18 - 354	*ND	
Xylenes (m,p,o-Xylenes)	129 - 2584	*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)

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Certificate #4329.02

Prepared for:

**Sleep Science****This Works**

Batch ID or Lot Number: <b>119611</b>	Test: <b>Mycotoxins</b>	Reported: <b>7/22/21</b>	Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE
Matrix: Concentrate	Test ID: T000152633	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 - 447.5	ND	N/A
Aflatoxin B1	4 - 112.9	ND	
Aflatoxin B2	5.5 - 108.7	ND	
Aflatoxin G1	3.9 - 110.5	ND	
Aflatoxin G2	8.9 - 110.4	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

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## Sleep Science

<b>Batch ID:</b>	119611	<b>Test ID:</b>	T000152630
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/19/2021 @ 09:28 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	7/21/2021
<b>Method:</b>	TM17 (UHPLC-QQQ LC MS/MS)	<b>Reported:</b>	7/22/2021


## PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	39 - 2275	ND*	Malathion	264 - 2275	ND*
Acetamiprid	37 - 2275	ND*	Metalaxyl	41 - 2275	ND*
Abamectin	>272	ND*	Methiocarb	41 - 2275	ND*
Azoxystrobin	40 - 2275	ND*	Methomyl	41 - 2275	ND*
Bifenazate	40 - 2275	ND*	MGK 264 1	160 - 2275	ND*
Boscalid	55 - 2275	ND*	MGK 264 2	106 - 2275	ND*
Carbaryl	40 - 2275	ND*	Myclobutanil	41 - 2275	ND*
Carbofuran	39 - 2275	ND*	Naled	42 - 2275	ND*
Chlorantraniliprole	50 - 2275	ND*	Oxamyl	36 - 2275	ND*
Chlorpyrifos	40 - 2275	ND*	Paclobutrazol	42 - 2275	ND*
Clofentezine	257 - 2275	ND*	Permethrin	252 - 2275	ND*
Diazinon	256 - 2275	ND*	Phosmet	39 - 2275	ND*
Dichlorvos	>263	ND*	Prophos	268 - 2275	ND*
Dimethoate	39 - 2275	ND*	Propoxur	39 - 2275	ND*
E-Fenpyroximate	303 - 2275	ND*	Pyridaben	261 - 2275	ND*
Etofenprox	38 - 2275	ND*	Spinosad A	24 - 2275	ND*
Etoxazole	278 - 2275	ND*	Spinosad D	72 - 2275	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>279	ND*
Fipronil	39 - 2275	ND*	Spirotetramat	>275	ND*
Flonicamid	43 - 2275	ND*	Spiroxamine 1	17 - 2275	ND*
Fludioxonil	>276	ND*	Spiroxamine 2	23 - 2275	ND*
Hexythiazox	35 - 2275	ND*	Tebuconazole	259 - 2275	ND*
Imazalil	253 - 2275	ND*	Thiacloprid	38 - 2275	ND*
Imidacloprid	41 - 2275	ND*	Thiamethoxam	43 - 2275	ND*
Kresoxim-methyl	52 - 2275	ND*	Trifloxystrobin	38 - 2275	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

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Certificate #4329.02

Prepared for:

**Sleep Science****This Works**

Batch ID or Lot Number: <b>119611</b>	Test: <b>Metals</b>	Reported: <b>7/21/21</b>	Location: 53 St. George's Rd. Wimbledon, London SW19 4AE
Matrix: Unit	Test ID: T000152631	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**

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