

Certificate of Analysis

| | |
|---------------------|---------------------------------|
| Customer | THIS WORKS |
| Product | CANOPY SLEEP SCIENCE CREAM 50ml |
| Orean Code | FCAN005PR |
| Batch Code | 119610 |
| Date of Manufacture | 07/07/2021 |

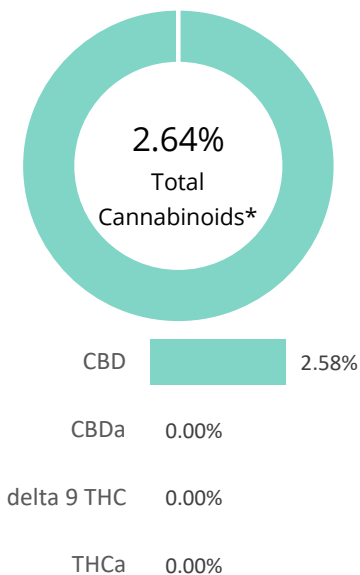
| Test Method No. | Characteristic | Specification Limits | Results |
|-----------------|------------------|--------------------------------|---------|
| QP09 | Appearance | Opaque Creamy Emulsion | PASS |
| QP09 | Odour | PF61954 Deep Calm (This Works) | PASS |
| QP09 | Colour | Pale Yellow | PASS |
| 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 | 0.99 |

We confirm that this material conforms to the agreed specification.

Sleep Science

| | | | |
|------------------|-------------|-------------------|-----------------------|
| Batch ID: | 119610 | Test ID: | T000152634 |
| Type: | Concentrate | Submitted: | 07/19/2021 @ 09:28 AM |
| Test: | Potency | Started: | 7/19/2021 |
| Method: | TM14 | Reported: | 7/20/2021 |

CANNABINOID PROFILE



| 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 | 2.58 | 25.8 |
| 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 | | 2.64 | 26.4 |
| Total Potential THC** | | ND | ND |
| Total Potential CBD** | | 2.58 | 25.8 |

% = % (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.

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



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

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
This Works

| | | | |
|--|---|------------------------------------|--|
| Batch ID or Lot Number: 119610 | Test: Residual Solvents | Reported: 7/22/21 | Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE |
| Matrix: N/A | Test ID: T000152638 | 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 | 97 - 1936 | *ND | |
| Butanes (Isobutane, n-Butane) | 180 - 3591 | *ND | |
| Methanol | 64 - 1282 | *ND | |
| Pentane | 95 - 1897 | *ND | |
| Ethanol | 95 - 1905 | *ND | |
| Acetone | 101 - 2017 | *ND | |
| Isopropyl Alcohol | 108 - 2162 | *ND | |
| Hexane | 6 - 124 | *ND | |
| Ethyl Acetate | 102 - 2040 | *ND | |
| Benzene | 0 - 4 | *ND | |
| Heptanes | 98 - 1961 | *ND | |
| Toluene | 19 - 371 | *ND | |
| Xylenes (m,p,o-Xylenes) | 136 - 2711 | *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: 119610 | Test: Mycotoxins | Reported: 7/22/21 | Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE |
| Matrix: Concentrate | Test ID: T000152639 | 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 | 12.4 - 370.8 | ND | N/A |
| Aflatoxin B1 | 3.3 - 93.6 | ND | |
| Aflatoxin B2 | 4.6 - 90.1 | ND | |
| Aflatoxin G1 | 3.2 - 91.6 | ND | |
| Aflatoxin G2 | 7.4 - 91.5 | 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)

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Sleep Science

| | | | |
|------------------|---------------------------|-------------------|-----------------------|
| Batch ID: | 119610 | Test ID: | T000152636 |
| 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 | 38 - 2210 | ND* | Malathion | 256 - 2210 | ND* |
| Acetamiprid | 36 - 2210 | ND* | Metalaxyl | 39 - 2210 | ND* |
| Abamectin | >264 | ND* | Methiocarb | 40 - 2210 | ND* |
| Azoxystrobin | 39 - 2210 | ND* | Methomyl | 39 - 2210 | ND* |
| Bifenazate | 39 - 2210 | ND* | MGK 264 1 | 156 - 2210 | ND* |
| Boscalid | 54 - 2210 | ND* | MGK 264 2 | 103 - 2210 | ND* |
| Carbaryl | 39 - 2210 | ND* | Myclobutanil | 40 - 2210 | ND* |
| Carbofuran | 38 - 2210 | ND* | Naled | 40 - 2210 | ND* |
| Chlorantraniliprole | 49 - 2210 | ND* | Oxamyl | 35 - 2210 | ND* |
| Chlorpyrifos | 39 - 2210 | ND* | Paclobutrazol | 40 - 2210 | ND* |
| Clofentezine | 249 - 2210 | ND* | Permethrin | 245 - 2210 | ND* |
| Diazinon | 249 - 2210 | ND* | Phosmet | 38 - 2210 | ND* |
| Dichlorvos | >256 | ND* | Prophos | 260 - 2210 | ND* |
| Dimethoate | 38 - 2210 | ND* | Propoxur | 38 - 2210 | ND* |
| E-Fenproximate | 295 - 2210 | ND* | Pyridaben | 253 - 2210 | ND* |
| Etofenprox | 37 - 2210 | ND* | Spinosad A | 24 - 2210 | ND* |
| Etoxazole | 270 - 2210 | ND* | Spinosad D | 70 - 2210 | ND* |
| Fenoxycarb | >39 | ND* | Spiromesifen | >271 | ND* |
| Fipronil | 38 - 2210 | ND* | Spirotetramat | >267 | ND* |
| Flonicamid | 41 - 2210 | ND* | Spiroxamine 1 | 16 - 2210 | ND* |
| Fludioxonil | >268 | ND* | Spiroxamine 2 | 22 - 2210 | ND* |
| Hexythiazox | 34 - 2210 | ND* | Tebuconazole | 252 - 2210 | ND* |
| Imazalil | 246 - 2210 | ND* | Thiacloprid | 37 - 2210 | ND* |
| Imidacloprid | 40 - 2210 | ND* | Thiamethoxam | 42 - 2210 | ND* |
| Kresoxim-methyl | 50 - 2210 | ND* | Trifloxystrobin | 37 - 2210 | ND* |

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

N/A

FINAL APPROVAL



 Sam Smith
 22-Jul-2021
 9:05 AM



 Tavor 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: 119610 | Test: Metals | Reported: 7/21/21 | Location: 53 St. George's Rd. Wimbeldon, London SW19 4AE |
| Matrix: Unit | Test ID: T000152637 | 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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