

R66t Sleep

PASS



SAMPLE ID
139242

SAMPLE NAME
R66t Sleep

MATRIX
Tincture

COLLECTED
09/25/2019 17:06

RECEIVED
09/25/2019 17:06

SERVING SIZE
1 ML

SERVINGS PER PACKAGE
15

DENSITY
0.9470 g/ml

CULTIVATOR INFO
GPS Associates

**TOTAL
THC**

ND
MG PER SERVING

**TOTAL
CBD**

16.68
MG PER SERVING

**TOTAL
CANNABINOIDS**

17.85
MG PER SERVING

Chemical Residue

No Analytes Detected

PASS

Chemical Residue GC

No Analytes Detected

PASS

Microbial qPCR

No Analytes Detected

PASS

Heavy Metals

Lead: <LLOQ

PASS

Mycotoxins

No Analytes Detected

PASS

Residual Solvent

Not Tested

NT

Filth and Foreign Material

Not Tested

NT





CANNABINOID ANALYSIS

i Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: ND per serving (ND) (ND)
 TOTAL CBD: 16.68 mg per serving (16.68 mg/mL) (1.762 %)
 TOTAL CANNABINOIDS: 17.85 mg per serving (17.85 mg/mL) (1.885 %)

UNIT OF MEASUREMENT: Milligrams per Milliliter(mg/mL)

| ANALYTE | RESULT | LOD | LLOQ | ANALYTE | RESULT | LOD | LLOQ |
|---------|-------------------------|--------|--------|---------|-------------------------|--------|--------|
| D9THC | ND | 0.0500 | 0.1000 | D8THC | ND | 0.0500 | 0.1000 |
| CBG | 0.3055 mg/mL (0.0323 %) | 0.0500 | 0.1000 | CBC | 0.8586 mg/mL (0.0907 %) | 0.0500 | 0.1000 |
| THCv | ND | 0.0500 | 0.1000 | CBD | 16.68 mg/mL (1.762 %) | 0.0500 | 0.1000 |
| CBN | ND | 0.0500 | 0.1000 | CBDv | <1 mg/ml (<1 mg/ml) | 0.0500 | 0.1000 |
| THCa | ND | 0.0500 | 0.1000 | CBGa | ND | 0.0500 | 0.1000 |
| CBDa | ND | 0.0500 | 0.1000 | | | | |

ADDITIONAL INFORMATION

Method: SOP-TECH-001
 Instrument: UPLC-DAD

Sample Prepped 09/27/2019 15:53
 Sample Analyzed 09/27/2019 19:01

Sample Approved 09/30/2019 15:16



CHEMICAL RESIDUE ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL |
|---------------|--------|--------|--------|--------------|---------------------|--------|--------|--------|--------------|
| Abamectin | ND | 0.0200 | 0.0400 | 0.3000 Pass | Acephate | ND | 0.0200 | 0.0400 | 5.000 Pass |
| Acequinocyl | ND | 0.0200 | 0.0400 | 4.000 Pass | Acetamiprid | ND | 0.0200 | 0.0400 | 5.000 Pass |
| Aldicarb | ND | 0.0200 | 0.0400 | 0.0 Pass | Azoxystrobin | ND | 0.0200 | 0.0400 | 40.00 Pass |
| Bifenazate | ND | 0.0200 | 0.0400 | 5.000 Pass | Bifenthrin | ND | 0.0200 | 0.0400 | 0.5000 Pass |
| Boscalid | ND | 0.0200 | 0.0400 | 10.00 Pass | Carbaryl | ND | 0.0200 | 0.0400 | 0.5000 Pass |
| Carbofuran | ND | 0.0200 | 0.0400 | 0.0 Pass | Chlorantraniliprole | ND | 0.0200 | 0.0400 | 40.00 Pass |
| Chlorfenapyr | ND | 0.0200 | 0.0400 | 0.0 Pass | Chlorpyrifos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Clofentezine | ND | 0.0200 | 0.0400 | 0.5000 Pass | Coumaphos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Cyfluthrin | ND | 0.1000 | 0.2000 | 1.000 Pass | Cypermethrin | ND | 0.0400 | 0.1000 | 1.000 Pass |
| Daminozide | ND | 0.0200 | 0.0400 | 0.0 Pass | Diazinon | ND | 0.0200 | 0.0400 | 0.2000 Pass |
| Dichlorvos | ND | 0.0200 | 0.0400 | 0.0 Pass | Dimethoate | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Dimethomorph | ND | 0.0099 | 0.0198 | 20.00 Pass | Ethoprophos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Etofenprox | ND | 0.0200 | 0.0400 | 0.0 Pass | Etoxazole | ND | 0.0200 | 0.0400 | 1.500 Pass |
| Fenhexamid | ND | 0.0200 | 0.0400 | 10.00 Pass | Fenoxycarb | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Fenpyroximate | ND | 0.0200 | 0.0400 | 2.000 Pass | Fipronil | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Flonicamid | ND | 0.0200 | 0.0400 | 2.000 Pass | Fludioxonil | ND | 0.0200 | 0.0400 | 30.00 Pass |
| Hexythiazox | ND | 0.0200 | 0.0400 | 2.000 Pass | Imazalil | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Imidacloprid | ND | 0.0200 | 0.0400 | 3.000 Pass | KresoximMethyl | ND | 0.0200 | 0.0400 | 1.000 Pass |
| Malathion | ND | 0.0200 | 0.0400 | 5.000 Pass | Metalaxyl | ND | 0.0200 | 0.0400 | 15.00 Pass |
| Methiocarb | ND | 0.0200 | 0.0400 | 0.0 Pass | Methomyl | ND | 0.0200 | 0.0400 | 0.1000 Pass |
| Mevinphos | ND | 0.0200 | 0.0400 | 0.0 Pass | Myclobutanil | ND | 0.0200 | 0.0400 | 9.000 Pass |
| Naled | ND | 0.0200 | 0.0400 | 0.5000 Pass | Oxamyl | ND | 0.0200 | 0.0400 | 0.2000 Pass |
| Paclbutrazol | ND | 0.0200 | 0.0400 | 0.0 Pass | Permethrins | ND | 0.0200 | 0.0400 | 20.00 Pass |

| | | | | | | | | | | | |
|---------------|----|--------|--------|--------|------|-------------------|----|--------|--------|--------|------|
| Phosmet | ND | 0.0200 | 0.0400 | 0.2000 | Pass | PiperonylButoxide | ND | 0.0200 | 0.0400 | 8.000 | Pass |
| Prallethrin | ND | 0.0200 | 0.0400 | 0.4000 | Pass | Propiconazole | ND | 0.0200 | 0.0400 | 20.00 | Pass |
| Propoxur | ND | 0.0200 | 0.0400 | 0.0 | Pass | Pyrethrins | ND | 0.0178 | 0.0356 | 1.000 | Pass |
| Pyridaben | ND | 0.0200 | 0.0400 | 3.000 | Pass | Spinetoram | ND | 0.0200 | 0.0400 | 3.000 | Pass |
| Spinosad | ND | 0.0200 | 0.0400 | 3.000 | Pass | Spiromesifen | ND | 0.0200 | 0.0400 | 12.00 | Pass |
| Spirotetramat | ND | 0.0200 | 0.0400 | 13.00 | Pass | Spiroxamine | ND | 0.0200 | 0.0400 | 0.4000 | Pass |
| Tebuconazole | ND | 0.0200 | 0.0400 | 2.000 | Pass | Thiacloprid | ND | 0.0200 | 0.0400 | 0.0 | Pass |
| Thiamethoxam | ND | 0.0200 | 0.0400 | 4.500 | Pass | Trifloxystrobin | ND | 0.0200 | 0.0400 | 30.00 | Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-002 Sample Prepped 10/02/2019 18:38 Sample Approved 10/05/2019 11:37
 Instrument: LC-MS/MS Sample Analyzed 10/02/2019 19:10

CHEMICAL RESIDUE GC ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL |
|-----------------|--------|--------|--------|--------------|-----------|--------|--------|--------|--------------|
| Captan | ND | 0.1000 | 0.2000 | 5.000 Pass | Chlordane | ND | 0.0400 | 0.1000 | 0.0 Pass |
| MethylParathion | ND | 0.0400 | 0.1000 | 0.0 Pass | PCNB | ND | 0.0200 | 0.0400 | 0.2000 Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-010 Sample Prepped 10/02/2019 18:38 Sample Approved 10/03/2019 18:30
 Instrument: GC-MS/MS Sample Analyzed 10/02/2019 19:10

MICROBIAL ANALYSIS PASS

UNIT OF MEASUREMENT: Cycle Threshold (Ct)

| ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL |
|-------------|--------|-------|------|--------------|----------------|--------|-------|------|--------------|
| A.fumigatus | ND | 33.00 | 0.0 | 0.0 Pass | A. flavus | ND | 33.00 | 0.0 | 0.0 Pass |
| A. niger | ND | 33.00 | 0.0 | 0.0 Pass | A. terreus | ND | 33.00 | 0.0 | 0.0 Pass |
| STEC | ND | 33.00 | 0.0 | 0.0 Pass | Salmonella spp | ND | 33.00 | 0.0 | 0.0 Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022 Sample Prepped 10/02/2019 06:30 Sample Approved 10/02/2019 14:06
 Instrument: qPCR Sample Analyzed 10/02/2019 06:56



HEAVY METALS ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | |
|---------|--------|--------|--------|--------------|------|---------|--------|--------|--------|--------------|------|
| Arsenic | ND | 0.0200 | 0.0500 | 1.500 | Pass | Cadmium | ND | 0.0050 | 0.0500 | 0.5000 | Pass |
| Lead | <LLOQ | 0.0100 | 0.0500 | 0.5000 | Pass | Mercury | ND | 0.0030 | 0.0500 | 3.000 | Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-013 Sample Prepped 10/04/2019 11:19 Sample Approved 10/04/2019 20:16
 Instrument: ICP-MS Sample Analyzed 10/04/2019 11:21

MYCOTOXINS ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Kilogram(ug/kg)

| ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL | |
|------------------|--------|-------|-------|--------------|------|--------------|--------|-------|-------|--------------|------|
| Aflatoxin B1 | ND | 1.000 | 2.000 | | N/A | Aflatoxin B2 | ND | 2.000 | 5.000 | | N/A |
| Aflatoxin G1 | ND | 2.000 | 5.000 | | N/A | Aflatoxin G2 | ND | 2.000 | 5.000 | | N/A |
| Total Aflatoxins | ND | 10.00 | 14.00 | 20.00 | Pass | Ochratoxin A | ND | 1.000 | 2.000 | 20.00 | Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-020 Sample Prepped 10/02/2019 18:38 Sample Approved 10/03/2019 15:54
 Instrument: LC-MS/MS Sample Analyzed 10/02/2019 18:42

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

DATA REVIEWED AND APPROVED BY



10/05/2019

Swetha Kaul, PhD
 Chief Scientific Officer

Date