

CBD Salve Stick 0.5oz

FARM BILL
COMPLIANT

SAMPLE ID
149260

SAMPLE NAME
CBD Salve Stick 0.5oz

MATRIX
Topical

BATCH ID
9304A

COLLECTED
11/05/2019 11:17

RECEIVED
11/05/2019 11:18

SERVING SIZE
1

SERVINGS PER PACKAGE
1

**TOTAL
CBD****245.1**
MG PER SERVING**TOTAL
THC****ND**
MG PER SERVING**TOTAL
CANNABINOIDS****248.8**
MG PER SERVING**Chemical Residue**

No Analytes Detected

**Chemical Residue GC**

No Analytes Detected

**Microbial Plating**

No Analytes Detected

**Heavy Metals**

Lead: 0.0610 ug/g



Indicates that the hemp product passes some of the strictest testing standards available for cannabis and hemp.



CANNABINOID ANALYSIS

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

TOTAL THC: ND per serving (ND) (ND)
 TOTAL CBD: 245.1 mg per serving (16.57 mg/g) (1.657 %)
 TOTAL CANNABINOIDS: 248.8 mg per serving (16.82 mg/g) (1.682 %)

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

| ANALYTE | RESULT | LOD | LLOQ | ANALYTE | RESULT | LOD | LLOQ |
|---------|----------------------|--------|--------|---------|------------------------|--------|--------|
| THCa | ND | 0.0100 | 0.0250 | CBDv | 0.2473 mg/g (0.0247 %) | 0.0100 | 0.0250 |
| D9THC | ND | 0.0100 | 0.0250 | CBGa | ND | 0.0100 | 0.0250 |
| D8THC | ND | 0.0100 | 0.0250 | CBG | ND | 0.0100 | 0.0250 |
| THCv | ND | 0.0100 | 0.0250 | CBN | ND | 0.0100 | 0.0250 |
| CBDa | ND | 0.0100 | 0.0250 | CBC | ND | 0.0100 | 0.0250 |
| CBD | 16.57 mg/g (1.657 %) | 0.0100 | 0.0250 | | | | |

ADDITIONAL INFORMATION

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

Sample Prepped 11/06/2019 14:48
 Sample Analyzed 11/06/2019 14:49

Sample Approved 11/07/2019 15:29

CHEMICAL RESIDUE ANALYSIS

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



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

ADDITIONAL INFORMATION

Method: SOP-TECH-002
Instrument: LC-MS/MS

Sample Prepped 11/06/2019 12:40
Sample Analyzed 11/06/2019 12:41

Sample Approved 11/07/2019 13:51



CHEMICAL RESIDUE GC ANALYSIS

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 | Chlordane | ND | 0.0400 | 0.1000 | 0.0 |
| MethylParathion | ND | 0.0400 | 0.1000 | 0.0 | PCNB | ND | 0.0200 | 0.0400 | 0.2000 |

ADDITIONAL INFORMATION

Method: SOP-TECH-010
Instrument: GC-MS/MS

Sample Prepped 11/06/2019 12:40
Sample Analyzed 11/06/2019 12:41

Sample Approved 11/07/2019 18:04



MICROBIAL PLATE ANALYSIS

UNIT OF MEASUREMENT: Colony Forming Unit(CFU)

| ANALYTE | RESULT | LOD | LLOQ | ANALYTE | RESULT | LOD | LLOQ |
|----------|--------|-----|-------|---------|--------|-----|-------|
| Coliform | ND | 0.0 | 10.00 | E.coli | ND | 0.0 | 10.00 |
| Mold | ND | 0.0 | 10.00 | Yeast | ND | 0.0 | 10.00 |
| APC | ND | 0.0 | 10.00 | | | | |

ADDITIONAL INFORMATION

Method: SOP-TECH-005, SOP-TECH-006
Instrument: PetriFilm/Incubator

Sample Prepped 11/06/2019 06:45
Sample Analyzed 11/07/2019 07:40

Sample Approved 11/08/2019 13:52





HEAVY METALS ANALYSIS

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 | Cadmium | ND | 0.0050 | 0.0500 | 0.5000 |
| Lead | 0.0610 ug/g | 0.0100 | 0.0500 | 0.5000 | Mercury | ND | 0.0030 | 0.0500 | 3.000 |

ADDITIONAL INFORMATION

Method: SOP-TECH-013
Instrument: ICP-MS

Sample Prepped 11/06/2019 06:46
Sample Analyzed 11/06/2019 12:26

Sample Approved 11/06/2019 18:08

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



11/22/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date

