

# SOOTHING TOUCH<sup>®</sup>

SOOTHING TOUCH • 35 BISBEE COURT • SANTA FE, NEW MEXICO 87508 USA • T 505 820 1054 • WWW.SOOTHINGTOUCH.COM

## Certificate of Analysis

**PRODUCT:** CBD Bath and Body Oil

**PRODUCT NAME:** CBD Peppermint Rosemary Bath & Body Oil

| ANALYSIS                | SPECIFICATION     | RESULTS |
|-------------------------|-------------------|---------|
| Appearance              | Clear Oily Liquid | Passed  |
| Color                   | Pale Yellow       | Passed  |
| Odor                    | Mild mint scent   | Passed  |
| Specific Gravity @ 20°C | 0. 915-0.920      | Passed  |
| pH                      | N/A               | N/A     |
| Viscosity               | 35.6              | Passed  |
| Volatile materials      | None              | Passed  |
| Water percentage        | None              | Passed  |
| Microbial Test          | No Growth         | Passed  |

According to the results, the CBD Peppermint Rosemary Bath & Body Oil is approved and we estimate an 18 month expiration date.

CBD Peppermint Rosemary Bath & Body Oil will remain uncontaminated if good hygiene practices are observed and by avoiding eating, drinking and smoking while handling the product.

Sat Kartar Bird,  
Owner & Technical Responsible

DATE

# SOOTHING TOUCH®

SOOTHING TOUCH • 35 BISBEE COURT • SANTA FE, NEW MEXICO 87508 USA • T 505 820 1054 • WWW.SOOTHINGTOUCH.COM

## **Cannabinoid Profile & Potency**

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

| ID      | Weight % | Concentration (mg/mL) |
|---------|----------|-----------------------|
| D9-THC  | ND       | ND                    |
| THCV    | ND       | ND                    |
| CBD     | 0.04     | 0.42                  |
| CBDV    | ND       | ND                    |
| CBG     | ND       | ND                    |
| CBC     | ND       | ND                    |
| CBN     | ND       | ND                    |
| THCA    | ND       | ND                    |
| CBDA    | ND       | ND                    |
| CBGA    | ND       | ND                    |
| D8-THC  | ND       | ND                    |
| exo-THC | ND       | ND                    |
| Total   | 0.00     | -                     |
| Max THC | -        | -                     |
| Max CBD | 0.00     | -                     |

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation:  $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$ . This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

## **Microbiological Contaminants**

This test method was performed in accordance with the requirements of ISO/IEC 17025.

| Symbol | Analysis                                | Results | Units | Limits*       | Status |
|--------|---|---------|-------|---------------|--------|
| AC     | Total Aerobic Bacterial Count           | =9,500  | CFU/g | 100,000 CFU/g | PASS   |
| CC     | Total Coliform Bacterial Count          | <100    | CFU/g | 1,000 CFU/g   | PASS   |
| EB     | Total Bile Tolerant Gram Negative Count | <100    | CFU/g | 1,000 CFU/g   | PASS   |
| YM     | Total Yeast & Mold                      | <100    | CFU/g | 10,000 CFU/g  | PASS   |

Note: All recorded Microbiological tests are within the established limits.

# SOOTHING TOUCH®

SOOTHING TOUCH • 35 BISBEE COURT • SANTA FE, NEW MEXICO 87508 USA • T 505 820 1054 • WWW.SOOTHINGTOUCH.COM

## Pathogenic Bacterial Contaminants

*This test method was performed in accordance with the requirements of ISO/IEC 17025.*

| Test ID | Analysis       | Results  | Units | Limits       | Status |
|---------|----------------|----------|-------|--------------|--------|
| ECPT    | E. coli (O157) | Negative | NA    | Non Detected | PASS   |
| SPT     | Salmonella     | Negative | NA    | Non Detected | PASS   |

*Note: All recorded pathogenic bacteria tests passed.*

## Mycotoxin Testing

*This test method was performed in accordance with the requirements of ISO/IEC 17025.*

| Test ID          | Analysis       | Results | Units | Limits*  | Status* |
|------------------|----------------|---------|-------|----------|---------|
| Total Aflatoxin  | E. coli (O157) | < MDL   | 2 ppb | < 20 ppb | PASS    |
| Total Ochratoxin | Salmonella     | < MDL   | 3 ppb | < 20 ppb | PASS    |

*Note: All recorded pathogenic bacteria tests passed.*

## Analysis of Volatile Organic Compounds

*This test method was performed in accordance with the requirements of ISO/IEC 17025.*

| Compound     | CAS      | Amount <sup>1</sup> | Limit <sup>2</sup> | RL  | Status |
|--------------|----------|---------------------|--------------------|-----|--------|
| Propane      | 74-98-6  | ND                  | 1,000 ppm          | 200 | PASS   |
| Isobutane    | 75-28-5  | ND                  | 1,000 ppm          | 200 | PASS   |
| Butane       | 106-97-8 | ND                  | 1,000 ppm          | 200 | PASS   |
| Methanol     | 67-56-1  | ND                  | 3,000 ppm          | 200 | PASS   |
| Ethanol      | 64-17-5  | ND                  | 5,000 ppm          | 200 | PASS   |
| Acetone      | 67-64-1  | ND                  | 5,000 ppm          | 200 | PASS   |
| Isopropanol  | 67-63-0  | ND                  | 5,000 ppm          | 200 | PASS   |
| Acetonitrile | 75-05-8  | ND                  | 410 ppm            | 200 | PASS   |
| Hexane       | 110-54-3 | ND                  | 290 ppm            | 200 | PASS   |
| Heptane      | 142-82-5 | ND                  | 5,000 ppm          | 200 | PASS   |

1) ND = Not detected at a level greater than the Reporting Limit (RL).

2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

# SOOTHING TOUCH®

SOOTHING TOUCH • 35 BISBEE COURT • SANTA FE, NEW MEXICO 87508 USA • T 505 820 1054 • WWW.SOOTHINGTOUCH.COM

## Pesticide Analysis

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

| Analyte            | CAS         | Result | Units | LLD | Limits (ppb) | Status |
|--------------------|-------------|--------|-------|-----|--------------|--------|
| Abamectin B1a      | 65495-55-3  | ND     | ppb   | 0.2 | 300          | PASS   |
| Abamectin B1b      | 65195-56-4  | ND     | ppb   | 0.2 | 300          | PASS   |
| Azoxystrobin       | 131860-33-8 | ND     | ppb   | 0.1 | 40000        | PASS   |
| Bifenazate         | 149877-41-8 | ND     | ppb   | 0.1 | 5000         | PASS   |
| Bifenthrin         | 82657-04-03 | ND     | ppb   | 0.2 | 500          | PASS   |
| Cyfluthrin         | 68359-37-5  | ND     | ppb   | 0.5 | 1000         | PASS   |
| Daminozide         | 1596-84-5   | ND     | ppb   | 10  | 10           | PASS   |
| Etoxazole          | 153233-91-1 | ND     | ppb   | 0.1 | 1500         | PASS   |
| Fenoxycarb         | 72490-01-08 | ND     | ppb   | 0.1 | 10           | PASS   |
| Imazalil           | 35554-44-0  | ND     | ppb   | 0.1 | 10           | PASS   |
| Imidacloprid       | 138261-41-3 | ND     | ppb   | 0.1 | 3000         | PASS   |
| Myclobutanil       | 88671-89-0  | ND     | ppb   | 0.1 | 9000         | PASS   |
| Paclobutrazol      | 76738-62-0  | ND     | ppb   | 0.1 | 10           | PASS   |
| Piperonyl butoxide | 51-03-6     | ND     | ppb   | 0.1 | 8000         | PASS   |
| Pyrethrin          | 8003-34-7   | ND     | ppb   | 0.1 | 1000         | PASS   |
| Spinosad           | 168316-95-8 | ND     | ppb   | 0.1 | 3000         | PASS   |
| Spiromesifen       | 283594-90-1 | ND     | ppb   | 0.1 | 12000        | PASS   |
| Spirotetramat      | 203313-25-1 | ND     | ppb   | 0.1 | 13000        | PASS   |
| Trifloxystrobin    | 141517-21-7 | ND     | ppb   | 0.1 | 30000        | PASS   |

\* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (\*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.