

SOOTHING TOUCH®

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Certificate of Analysis

PRODUCT: CBD Bath and Body Oil

PRODUCT NAME: CBD Lavender Bath & Body Oil

ANALYSIS	SPECIFICATION	RESULTS
Appearance	Clear Oily Liquid	Passed
Color	Pale Yellow	Passed
Odor	Mild lavender 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 Lavender Bath & Body Oil is approved and we estimate an 18 month expiration date.

CBD Lavender 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

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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.

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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 ¹	Limit ²	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.

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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.