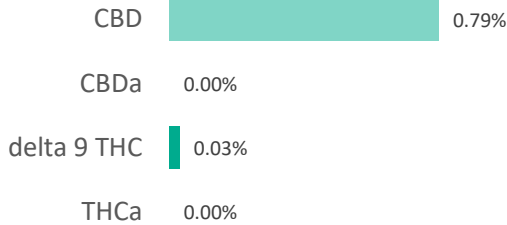
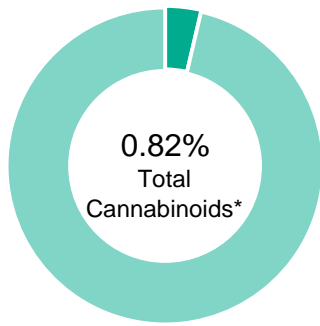


Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	6049970.0034
Reported:	23-Dec-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.03	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.03	0.3
Cannabidiolic acid (CBDA)	0.02	0.00	0.0
Cannabidiol (CBD)	0.01	0.79	7.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.00	0.0
Cannabinolic Acid (CBNA)	0.04	0.00	0.0
Cannabinol (CBN)	0.02	0.00	0.0
Cannabigerolic acid (CBGA)	0.03	0.00	0.0
Cannabigerol (CBG)	0.01	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.03	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.02	0.00	0.0
Cannabidivarin (CBDV)	0.01	0.00	0.0
Cannabichromenic Acid (CBCA)	0.02	0.00	0.0
Cannabichromene (CBC)	0.03	0.00	0.0
Total Cannabinoids		0.82	8.20
Total Potential THC**		0.03	0.30
Total Potential CBD**		0.79	7.90

 NOTES:
 N/A

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and } \text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Tyler Wiese
 23-Dec-2019
 6:50 PM

PREPARED BY / DATE



David Green
 23-Dec-2019
 7:27 PM

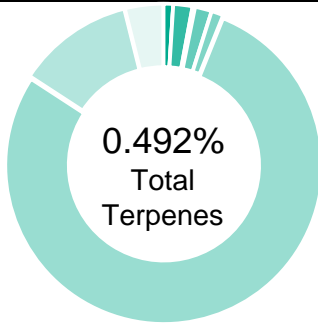
APPROVED BY / DATE

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Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	2662061.0037
Reported:	9-Dec-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.016	0.16
Camphene	0.000	0
delta-3-Carene	0.001	0.01
beta-Caryophyllene	0.049	0.49
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.004	0.04
Eucalyptol	0.012	0.12
Geraniol	0.003	0.03
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.005	0.05
Linalool	0.321	3.21
beta-Myrcene	0.008	0.08
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.027	0.27
beta-Ocimene	0.016	0.16
alpha-Pinene	0.004	0.04
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.007	0.07
gamma-Terpinene	0.016	0.16
Terpinolene	0.003	0.03
	0.492%	4.92

PREDOMINANT TERPENES

alpha-Pinene	0.004%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.008%
delta-3-Carene	0.001%
alpha-Terpinene	0.007%
d-Limonene	0.005%
Linalool	0.321%
beta-Caryophyllene	0.049%
alpha-Humulene	0.000%
(-)-alpha-Bisabolol	0.016%

 NOTES:
 0

FINAL APPROVAL

 Daniel Weidensaul 9-Dec-2019 1:47 PM	 David Green 9-Dec-2019 2:13 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	1892194.0016
Reported:	4-Dec-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	57 - 2636	ND*	Malathion	57 - 2636	ND*
Acetamiprid	57 - 2636	ND*	Metalaxyl	342 - 2636	ND*
Avermectin	342 - 2636	ND*	Methiocarb	57 - 2636	ND*
Azoxystrobin	57 - 2636	ND*	Methomyl	57 - 2636	ND*
Bifenazate	57 - 2636	ND*	MGK 264 1	57 - 2636	ND*
Boscalid	342 - 2636	ND*	MGK 264 2	342 - 2636	ND*
Carbaryl	57 - 2636	ND*	Myclobutanil	342 - 2636	ND*
Carbofuran	57 - 2636	ND*	Naled	342 - 2636	ND*
Chlorantraniliprole	57 - 2636	ND*	Oxamyl	57 - 2636	ND*
Chlorpyrifos	342 - 2636	ND*	Paclobutrazol	57 - 2636	ND*
Clofentezine	57 - 2636	ND*	Permethrin	342 - 2636	ND*
Diazinon	57 - 2636	ND*	Phosmet	57 - 2636	ND*
Dichlorvos	342 - 2636	ND*	Prophos	342 - 2636	ND*
Dimethoate	57 - 2636	ND*	Propoxur	342 - 2636	ND*
E-Fenpyroximate	342 - 2636	ND*	Pyridaben	342 - 2636	ND*
Etofenprox	342 - 2636	ND*	Spinosad A	57 - 2636	ND*
Etoxazole	342 - 2636	ND*	Spinosad D	342 - 2636	ND*
Fenoxycarb	57 - 2636	ND*	Spiromesifen	57 - 2636	ND*
Fipronil	342 - 2636	ND*	Spirotetramat	342 - 2636	ND*
Flonicamid	57 - 2636	ND*	Spiroxamine 1	57 - 2636	ND*
Fludioxonil	342 - 2636	ND*	Spiroxamine 2	57 - 2636	ND*
Hexythiazox	342 - 2636	ND*	Tebuconazole	57 - 2636	ND*
Imazalil	342 - 2636	ND*	Thiacloprid	57 - 2636	ND*
Imidacloprid	57 - 2636	ND*	Thiamethoxam	57 - 2636	ND*
Kresoxim-methyl	57 - 2636	ND*	Trifloxystrobin	342 - 2636	ND*

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

N/A

FINAL APPROVAL


Sam Smith
 4-Dec-2019
 6:32 AM

PREPARED BY / DATE


David Green
 4-Dec-2019
 8:47 AM

APPROVED BY / DATE

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Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	8825391.027
Reported:	30-Nov-2019	Method:	Topical - Test Methods: TM05, TM06
Type:	Topical		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:


Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL



Robert Belfon
30-Nov-2019
6:10 PM



Mike Branvold
30-Nov-2019
8:23 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	1776426.007
Reported:	5-Dec-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	278
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

 Karen Winternheimer 5-Dec-2019 2:54 PM	 Greg Zimpfer 5-Dec-2019 3:53 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02


Healthy Hands Balm Batch-234089

Batch ID:	234089	Test ID:	T000039339
Reported:	12-Dec-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

 Alex Smith
12-Dec-2019
7:11 AM

PREPARED BY / DATE

 Greg Zimpfer
12-Dec-2019
8:24 AM

APPROVED BY / DATE

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