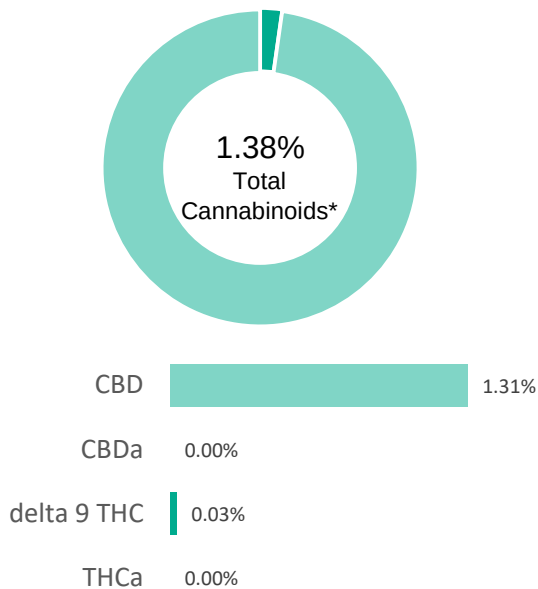


Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	6629636.0060
Reported:	28-Oct-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	0.03	0.3
Cannabidiolic acid (CBDA)	0.02	0.00	0.0
Cannabidiol (CBD)	0.01	1.31	13.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	0.00	0.0
Cannabinolic Acid (CBNA)	0.01	0.00	0.0
Cannabinol (CBN)	0.01	0.00	0.0
Cannabigerolic acid (CBGA)	0.01	0.00	0.0
Cannabigerol (CBG)	0.00	0.02	0.2
Tetrahydrocannabivarinic Acid (THCVA)	0.01	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.00	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.02	0.00	0.0
Cannabidivarin (CBDV)	0.01	0.00	0.0
Cannabichromenic Acid (CBCA)	0.01	0.00	0.0
Cannabichromene (CBC)	0.01	0.02	0.2
Total Cannabinoids		1.38	13.80
Total Potential THC**		0.03	0.30
Total Potential CBD**		1.31	13.10

% = % (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.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

N/A

FINAL APPROVAL


Ryan Weems
 28-Oct-2019
 5:08 PM

PREPARED BY / DATE


Greg Zimpfer
 28-Oct-2019
 5:14 PM

APPROVED BY / DATE

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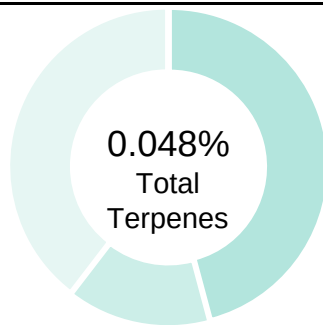
Certificate #4329.02

prepared for: RAD EXTRACTION
860 COMMERCIAL LANE
PALMER LAKE, CO 80133

Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	2662061.0034
Reported:	9-Dec-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.022%
alpha-Humulene	0.007%
(-)-alpha-Bisabolol	0.019%

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.019	0.19
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.022	0.22
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.007	0.07
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.048%	0.48

NOTES:
0

FINAL APPROVAL

Daniel Weidensaul
9-Dec-2019
1:47 PMDavid Green
9-Dec-2019
2:13 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	1892194.0018
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	50 - 2295	ND*	Malathion	50 - 2295	ND*
Acetamiprid	50 - 2295	ND*	Metalaxyl	297 - 2295	ND*
Avermectin	297 - 2295	ND*	Methiocarb	50 - 2295	ND*
Azoxystrobin	50 - 2295	ND*	Methomyl	50 - 2295	ND*
Bifenazate	50 - 2295	ND*	MGK 264 1	50 - 2295	ND*
Boscalid	297 - 2295	ND*	MGK 264 2	297 - 2295	ND*
Carbaryl	50 - 2295	ND*	Myclobutanil	297 - 2295	ND*
Carbofuran	50 - 2295	ND*	Naled	297 - 2295	ND*
Chlorantraniliprole	50 - 2295	ND*	Oxamyl	50 - 2295	ND*
Chlorpyrifos	297 - 2295	ND*	Paclobutrazol	50 - 2295	ND*
Clofentezine	50 - 2295	ND*	Permethrin	297 - 2295	ND*
Diazinon	50 - 2295	ND*	Phosmet	50 - 2295	ND*
Dichlorvos	297 - 2295	ND*	Prophos	297 - 2295	ND*
Dimethoate	50 - 2295	ND*	Propoxur	297 - 2295	ND*
E-Fenpyroximate	297 - 2295	ND*	Pyridaben	297 - 2295	ND*
Etofenprox	297 - 2295	ND*	Spinosad A	50 - 2295	ND*
Etoxazole	297 - 2295	ND*	Spinosad D	297 - 2295	ND*
Fenoxycarb	50 - 2295	ND*	Spiromesifen	50 - 2295	ND*
Fipronil	297 - 2295	ND*	Spirotetramat	297 - 2295	ND*
Flonicamid	50 - 2295	ND*	Spiroxamine 1	50 - 2295	ND*
Fludioxonil	297 - 2295	ND*	Spiroxamine 2	50 - 2295	ND*
Hexythiazox	297 - 2295	ND*	Tebuconazole	50 - 2295	ND*
Imazalil	297 - 2295	ND*	Thiacloprid	50 - 2295	ND*
Imidacloprid	50 - 2295	ND*	Thiamethoxam	50 - 2295	ND*
Kresoxim-methyl	50 - 2295	ND*	Trifloxystrobin	297 - 2295	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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Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	5688383.036
Reported:	6-Dec-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
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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:

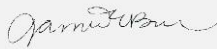
Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Jamie Bunker
6-Dec-2019
1:49 PM
David Green
6-Dec-2019
1:53 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	1776426.006
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	950
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

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

prepared for: RAD EXTRACTS

860 COMMERCIAL LANE

PALMER LAKE, CO 80133

Unscented Lotion-Batch 3166-69

Batch ID:	LGHS3003166-69	Test ID:	T000039324
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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.