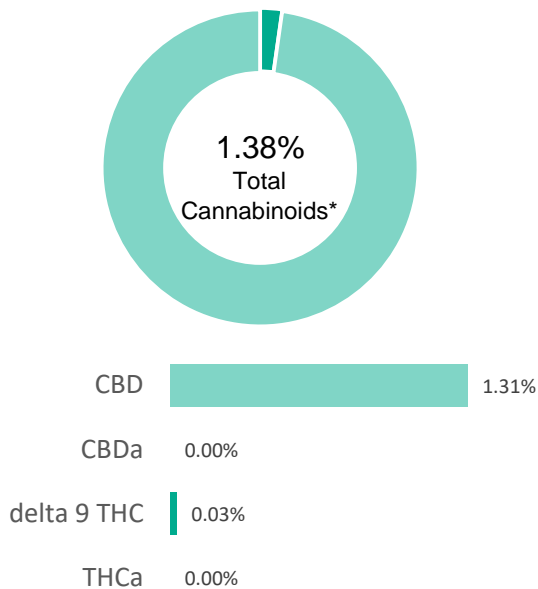


**Unscented Lotion-Batch LGHS3003166-69**

<b>Batch ID:</b>	LGHS3003166-69	<b>Test ID:</b>	6629636.0060
<b>Reported:</b>	28-Oct-2019	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	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
<b>Total Cannabinoids</b>		<b>1.38</b>	<b>13.80</b>
<b>Total Potential THC**</b>		<b>0.03</b>	<b>0.30</b>
<b>Total Potential CBD**</b>		<b>1.31</b>	<b>13.10</b>

% = % (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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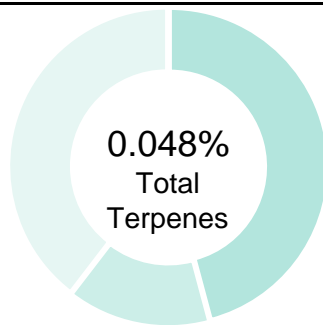
Certificate #4329.02

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

## Unscented Lotion-Batch LGHS3003166-69

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
	<b>0.048%</b>	<b>0.48</b>

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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**Unscented Lotion-Batch LGHS3003166-69**

<b>Batch ID:</b>	LGHS3003166-69	<b>Test ID:</b>	1892194.0018
<b>Reported:</b>	4-Dec-2019	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	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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prepared for: RAD EXTRACTION  
860 COMMERCIAL LANE  
PALMER LAKE, CO 80133

## Unscented Lotion-Batch LGHS3003166-69

<b>Batch ID:</b>	LGHS3003166-69	<b>Test ID:</b>	5688383.036
<b>Reported:</b>	6-Dec-2019	<b>Method:</b>	Topical - Test Methods: TM05, TM06
<b>Type:</b>	Topical		
<b>Test:</b>	Microbial Contaminants		

## MICROBIAL CONTAMINANTS

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

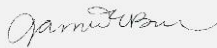
Free from visual mold, mildew, and foreign matter

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 LGHS3003166-69

<b>Batch ID:</b>	LGHS3003166-69	<b>Test ID:</b>	1776426.006
<b>Reported:</b>	5-Dec-2019	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	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



## Unscented Lotion-Batch LGHS3003166-69

<b>Batch ID:</b>	LGHS3003166-69	<b>Test ID:</b>	T000039324
<b>Reported:</b>	12-Dec-2019	<b>Method:</b>	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
<b>Type:</b>	Other		
<b>Test:</b>	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.