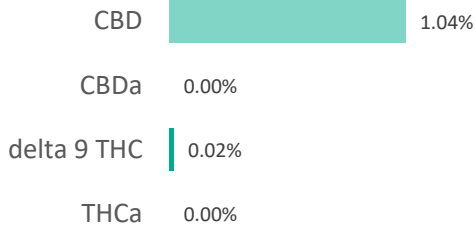
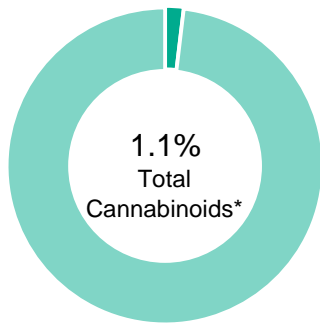


Kingsley 3160 **Full Spectrum Analysis

| | | | |
|------------------|----------------|-----------------|--------------|
| Batch ID: | LGMS3003158-61 | Test ID: | 6629636.0061 |
| 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) | 0.01 | 0.02 | 0.2 |
| Cannabidiolic acid (CBDA) | 0.02 | 0.00 | 0.0 |
| Cannabidiol (CBD) | 0.01 | 1.04 | 10.4 |
| 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) | 0.01 | 0.03 | 0.3 |
| 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 | 0.01 | 0.1 |
| Total Cannabinoids | | 1.10 | 11.00 |
| Total Potential THC** | | 0.02 | 0.20 |
| Total Potential CBD** | | 1.04 | 10.40 |


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


Ryan Weems
 28-Oct-2019
 5:08 PM

PREPARED BY / DATE



Greg Zimpfer
 28-Oct-2019
 5:14 PM

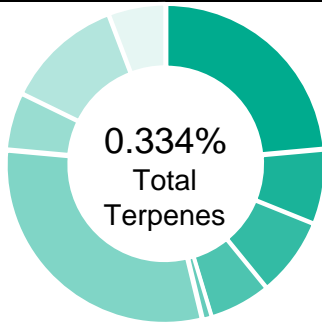
APPROVED BY / DATE

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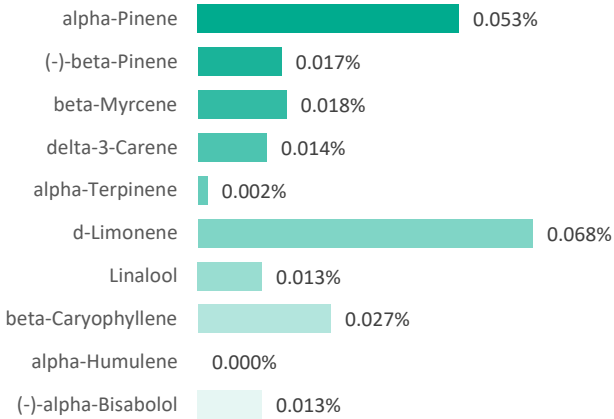


Muscle Cream


| | | | |
|------------------|----------------|-----------------|--------------|
| Batch ID: | LGMS3003158-61 | Test ID: | 2662061.0036 |
| Reported: | 9-Dec-2019 | Method: | TM10 |
| Type: | Concentrate | | |
| Test: | Terpenes | | |

TERPENE PROFILE


| Compound | %(w/w) | mg/g |
|-------------------------|---------------|-------------|
| (-)-alpha-Bisabolol | 0.013 | 0.13 |
| Camphene | 0.005 | 0.05 |
| delta-3-Carene | 0.014 | 0.14 |
| beta-Caryophyllene | 0.027 | 0.27 |
| (-)-Caryophyllene Oxide | 0.000 | 0 |
| p-Cymene | 0.000 | 0 |
| Eucalyptol | 0.095 | 0.95 |
| Geraniol | 0.000 | 0 |
| alpha-Humulene | 0.000 | 0 |
| (-)-Isopulegol | 0.000 | 0 |
| d-Limonene | 0.068 | 0.68 |
| Linalool | 0.013 | 0.13 |
| beta-Myrcene | 0.018 | 0.18 |
| cis-Nerolidol | 0.000 | 0 |
| trans-Nerolidol | 0.000 | 0 |
| Ocimene | 0.001 | 0.01 |
| beta-Ocimene | 0.000 | 0 |
| alpha-Pinene | 0.053 | 0.53 |
| (-)-beta-Pinene | 0.017 | 0.17 |
| alpha-Terpinene | 0.002 | 0.02 |
| gamma-Terpinene | 0.006 | 0.06 |
| Terpinolene | 0.002 | 0.02 |
| | 0.334% | 3.34 |

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

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

PREPARED BY / DATE

APPROVED BY / DATE

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Muscle Cream

| | | | |
|------------------|----------------|-----------------|--------------|
| Batch ID: | LGMS3003158-61 | Test ID: | 1892194.0015 |
| 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 | 52 - 2404 | ND* | Malathion | 52 - 2404 | ND* |
| Acetamiprid | 52 - 2404 | ND* | Metalaxyl | 312 - 2404 | ND* |
| Avermectin | 312 - 2404 | ND* | Methiocarb | 52 - 2404 | ND* |
| Azoxystrobin | 52 - 2404 | ND* | Methomyl | 52 - 2404 | ND* |
| Bifenazate | 52 - 2404 | ND* | MGK 264 1 | 52 - 2404 | ND* |
| Boscalid | 312 - 2404 | ND* | MGK 264 2 | 312 - 2404 | ND* |
| Carbaryl | 52 - 2404 | ND* | Myclobutanil | 312 - 2404 | ND* |
| Carbofuran | 52 - 2404 | ND* | Naled | 312 - 2404 | ND* |
| Chlorantraniliprole | 52 - 2404 | ND* | Oxamyl | 52 - 2404 | ND* |
| Chlorpyrifos | 312 - 2404 | ND* | Paclobutrazol | 52 - 2404 | ND* |
| Clofentezine | 52 - 2404 | ND* | Permethrin | 312 - 2404 | ND* |
| Diazinon | 52 - 2404 | ND* | Phosmet | 52 - 2404 | ND* |
| Dichlorvos | 312 - 2404 | ND* | Prophos | 312 - 2404 | ND* |
| Dimethoate | 52 - 2404 | ND* | Propoxur | 312 - 2404 | ND* |
| E-Fenpyroximate | 312 - 2404 | ND* | Pyridaben | 312 - 2404 | ND* |
| Etofenprox | 312 - 2404 | ND* | Spinosad A | 52 - 2404 | ND* |
| Etoxazole | 312 - 2404 | ND* | Spinosad D | 312 - 2404 | ND* |
| Fenoxycarb | 52 - 2404 | ND* | Spiromesifen | 52 - 2404 | ND* |
| Fipronil | 312 - 2404 | ND* | Spirotetramat | 312 - 2404 | ND* |
| Flonicamid | 52 - 2404 | ND* | Spiroxamine 1 | 52 - 2404 | ND* |
| Fludioxonil | 312 - 2404 | ND* | Spiroxamine 2 | 52 - 2404 | ND* |
| Hexythiazox | 312 - 2404 | ND* | Tebuconazole | 52 - 2404 | ND* |
| Imazalil | 312 - 2404 | ND* | Thiacloprid | 52 - 2404 | ND* |
| Imidacloprid | 52 - 2404 | ND* | Thiamethoxam | 52 - 2404 | ND* |
| Kresoxim-methyl | 52 - 2404 | ND* | Trifloxystrobin | 312 - 2404 | 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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Muscle Cream

| | | | |
|------------------|------------------------|-----------------|------------------------------------|
| Batch ID: | LGMS3003158-61 | Test ID: | 8825391.026 |
| 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 |
| <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



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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Muscle Cream

| | | | |
|------------------|-------------------|-----------------|-------------|
| Batch ID: | LGMS3003158-61 | Test ID: | 1776426.008 |
| 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 | >2000 |
| Acetone | 100 - 2000 | 0 |
| Isopropyl Alcohol | 100 - 2000 | 104 |
| 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

Muscle Cream

| | | | |
|------------------|----------------|-----------------|---|
| Batch ID: | LGMS3003158-61 | Test ID: | T000039334 |
| 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.