

Sample Name: CBD Skin Rub
 LIMS Sample ID: 190313Q011
 Batch #:
 Sample Metrc ID:
 Sample Type: Infused, Topical
 Batch Count:
 Sample Count:
 Unit Mass: 57 Grams per Unit
 Serving Mass:

Date Collected: 03/13/2019
 Date Received: 03/14/2019
 Tested for: Kiskanu MFG
 License #: C11-18-0000377-TEMP
 Address: 2200 4TH ST EUREKA CA 95501
 Produced by:
 License #:
 Address:
 Overall result for batch:

Moisture Test Results

| Moisture | % NT |
|----------|---------|
| | |

Cannabinoid Test Results

03/18/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

| | mg/g | % | LOD mg/g | LOQ mg/g |
|----------|-------|--------|----------|----------|
| THC | ND | ND | 0.000034 | 0.001 |
| THCa | ND | ND | 0.000066 | 0.001 |
| CBD | 4.166 | 0.4166 | 0.000057 | 0.001 |
| CBDa | ND | ND | 0.000038 | 0.001 |
| CBN | ND | ND | 0.000029 | 0.001 |
| CBDV | 0.036 | 0.0036 | 0.000065 | 0.001 |
| CBDVa | ND | ND | 0.00003 | 0.001 |
| CBG | ND | ND | 0.000086 | 0.001 |
| CBGa | ND | ND | 0.000072 | 0.001 |
| THCV | ND | ND | 0.000035 | 0.001 |
| Δ8 - THC | ND | ND | 0.000083 | 0.001 |
| CBC | ND | ND | 0.000095 | 0.001 |

Sum of Cannabinoids: 4.202 0.4202 239.514 mg/Unit

Total THC (Δ9THC+0.877*THCa) ND ND
 Total CBD (CBD+0.877*CBDa) 4.166 0.4166 237.462 mg/Unit

THC per Unit Action Limit mg 1000.0 ND
 THC per Serving

Microbiological Test Results

03/16/2019

PCR and fluorescence detection of microbiological impurities

| | ND | Action Limit |
|--|----|--------------|
| Shiga toxin-producing Escherichia coli | ND | ND |
| Salmonella spp. | ND | ND |
| Aspergillus fumigatus | NT | |
| Aspergillus flavus | NT | |
| Aspergillus niger | NT | |
| Aspergillus terreus | NT | |

Heavy Metal Test Results

03/19/2019

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| | μg/g | Action Limit μg/g | LOD μg/g | LOQ μg/g |
|---------|------|-------------------|----------|----------|
| Cadmium | ND | 0.5 | 0.0032 | 0.01 |
| Lead | ND | 0.5 | 0.0080 | 0.025 |
| Arsenic | ND | 1.5 | 0.0032 | 0.01 |
| Mercury | ND | 3.0 | 0.0025 | 0.008 |

Mycotoxin Test Results

03/16/2019

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

| | μg/kg | Action Limit μg/kg | LOD μg/kg | LOQ μg/kg |
|--------------------------|-------|--------------------|-----------|-----------|
| Aflatoxin B1, B2, G1, G2 | ND | 20.0 | 0.681 | 2.139 |
| Ochratoxin A | ND | 20.0 | 6.204 | 19.5 |

Water Activity Test Results

| Water Activity | Aw NT | Action Limit Aw |
|----------------|----------|-----------------|
| | | |

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)


| | mg/g | % | LOD mg/g | LOQ mg/g |
|---------------------|------|---|----------|----------|
| ☐ Bisabolol | NT | | | |
| ☐ Pinene | NT | | | |
| 3 Carene | NT | | | |
| Borneol | NT | | | |
| ☐ Caryophyllene | NT | | | |
| Geraniol | NT | | | |
| ☐ Humulene | NT | | | |
| Terpinolene | NT | | | |
| Valencene | NT | | | |
| Menthol | NT | | | |
| Nerolidol | NT | | | |
| Camphene | NT | | | |
| Eucalyptol | NT | | | |
| ☐ Cedrene | NT | | | |
| Camphor | NT | | | |
| (-)-Isopulegol | NT | | | |
| Sabinene | NT | | | |
| ☐ Terpinene | NT | | | |
| ☐ Terpinene | NT | | | |
| Linalool | NT | | | |
| Limonene | NT | | | |
| Myrcene | NT | | | |
| Fenchol | NT | | | |
| ☐ Phellandrene | NT | | | |
| Caryophyllene Oxide | NT | | | |
| Terpineol | NT | | | |
| ☐ Pinene | NT | | | |
| R-(+)-Pulegone | NT | | | |
| Geranyl Acetate | NT | | | |
| Citronellol | NT | | | |
| p-Cymene | NT | | | |
| Ocimene | NT | | | |
| Guaiol | NT | | | |
| Phytol | NT | | | |
| Isoborneol | NT | | | |

Total Terpene Concentration: NT

Sample Certification



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable


 Josh Wurzer, President
 Date: 03/19/2019

Certificate of Analysis

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 Sample Metrc ID:
 Sample Type: Infused, Topical
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 Overall result for batch:

Pesticide Test Results

03/16/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

| | µg/g | Action Limit µg/g | LOD µg/g | LOQ µg/g |
|-------------------------|------|-------------------|----------|----------|
| Abamectin | ND | 0.3 | 0.032 | 0.1 |
| Acephate | ND | 5.0 | 0.032 | 0.1 |
| Acequinocyl | ND | 4.0 | 0.032 | 0.1 |
| Acetamiprid | ND | 5.0 | 0.032 | 0.1 |
| Azoxystrobin | ND | 40.0 | 0.032 | 0.1 |
| Bifenazate | ND | 5.0 | 0.032 | 0.1 |
| Bifenthrin | ND | 0.5 | 0.032 | 0.1 |
| Boscalid | ND | 10.0 | 0.032 | 0.1 |
| Captan | ND | 5.0 | 0.032 | 0.1 |
| Carbaryl | ND | 0.5 | 0.032 | 0.1 |
| Chlorantraniliprole | ND | 40.0 | 0.032 | 0.1 |
| Clofentezine | ND | 0.5 | 0.032 | 0.1 |
| Cyfluthrin | ND | 1.0 | 0.032 | 0.1 |
| Cypermethrin | ND | 1.0 | 0.032 | 0.1 |
| Diazinon | ND | 0.2 | 0.032 | 0.1 |
| Dimethomorph | ND | 20.0 | 0.032 | 0.1 |
| Etoxazole | ND | 1.5 | 0.032 | 0.1 |
| Fenhexamid | ND | 10.0 | 0.032 | 0.1 |
| Fenpyroximate | ND | 2.0 | 0.032 | 0.1 |
| Flonicamid | ND | 2.0 | 0.032 | 0.1 |
| Fludioxonil | ND | 30.0 | 0.032 | 0.1 |
| Hexythiazox | ND | 2.0 | 0.032 | 0.1 |
| Imidacloprid | ND | 3.0 | 0.032 | 0.1 |
| Kresoxim-methyl | ND | 1.0 | 0.032 | 0.1 |
| Malathion | ND | 5.0 | 0.032 | 0.1 |
| Metalaxyl | ND | 15.0 | 0.032 | 0.1 |
| Methomyl | ND | 0.1 | 0.032 | 0.1 |
| Myclobutanil | ND | 9.0 | 0.032 | 0.1 |
| Naled | ND | 0.5 | 0.032 | 0.1 |
| Oxamyl | ND | 0.2 | 0.032 | 0.1 |
| Pentachloronitrobenzene | ND | 0.2 | 0.032 | 0.1 |
| Permethrin | ND | 20.0 | 0.032 | 0.1 |
| Phosmet | ND | 0.2 | 0.032 | 0.1 |
| Piperonylbutoxide | ND | 8.0 | 0.032 | 0.1 |
| Prallethrin | ND | 0.4 | 0.032 | 0.1 |
| Propiconazole | ND | 20.0 | 0.032 | 0.1 |
| Pyrethrins | ND | 1.0 | 0.032 | 0.1 |
| Pyridaben | ND | 3.0 | 0.032 | 0.1 |
| Spinetoram | ND | 3.0 | 0.032 | 0.1 |
| Spinosad | ND | 3.0 | 0.032 | 0.1 |
| Spiromesifen | ND | 12.0 | 0.032 | 0.1 |
| Spirotetramat | ND | 13.0 | 0.032 | 0.1 |
| Tebuconazole | ND | 2.0 | 0.032 | 0.1 |
| Thiamethoxam | ND | 4.5 | 0.032 | 0.1 |
| Trifloxystrobin | ND | 30.0 | 0.032 | 0.1 |

Pesticide Test Results

03/16/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

| | µg/g | Action Limit µg/g | LOD µg/g | LOQ µg/g |
|-------------------|------|-------------------|----------|----------|
| Aldicarb | ND | ND | 0.032 | 0.1 |
| Carbofuran | ND | ND | 0.032 | 0.1 |
| Chlordane | ND | ND | 0.032 | 0.1 |
| Chlorfenapyr | ND | ND | 0.032 | 0.1 |
| Chlorpyrifos | ND | ND | 0.032 | 0.1 |
| Coumaphos | ND | ND | 0.032 | 0.1 |
| Daminozide | ND | ND | 0.032 | 0.1 |
| DDVP (Dichlorvos) | ND | ND | 0.032 | 0.1 |
| Dimethoate | ND | ND | 0.032 | 0.1 |
| Ethoprop(hos) | ND | ND | 0.032 | 0.1 |
| Etofenprox | ND | ND | 0.032 | 0.1 |
| Fenoxycarb | ND | ND | 0.032 | 0.1 |
| Fipronil | ND | ND | 0.032 | 0.1 |
| Imazalil | ND | ND | 0.032 | 0.1 |
| Methiocarb | ND | ND | 0.032 | 0.1 |
| Methyl parathion | ND | ND | 0.032 | 0.1 |
| Mevinphos | ND | ND | 0.032 | 0.1 |
| Paclobutrazol | ND | ND | 0.032 | 0.1 |
| Propoxur | ND | ND | 0.032 | 0.1 |
| Spiroxamine | ND | ND | 0.032 | 0.1 |
| Thiacloprid | ND | ND | 0.032 | 0.1 |


Foreign Material Test Results

NT

Sample Certification



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 Produced by:
 License #:
 Address:
 Overall result for batch:

Residual Solvent Test Results

03/15/2019

Note

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)


| | µg/g | Action Limit µg/g | LOD µg/g | LOQ µg/g |
|--------------------|------|-------------------|----------|----------|
| 1,2-Dichloroethane | ND | 1.0 | 0.162 | 0.474 |
| Benzene | ND | 1.0 | 0.321 | 0.941 |
| Chloroform | ND | 1.0 | 0.096 | 0.282 |
| Ethylene Oxide | ND | 1.0 | 0.321 | 0.941 |
| Methylene chloride | ND | 1.0 | 0.192 | 0.563 |
| Trichloroethylene | ND | 1.0 | 0.127 | 0.373 |
| Acetone | ND | 5000.0 | 371.43 | 1088.28 |
| Acetonitrile | ND | 410.0 | 0.657 | 1.925 |
| Butane | ND | 5000.0 | 107.06 | 313.69 |
| Ethanol | ND | | 149.81 | 438.94 |
| Ethyl acetate | ND | 5000.0 | 149.48 | 437.97 |
| Ethyl ether | ND | 5000.0 | 375.12 | 1099.1 |
| Heptane | ND | 5000.0 | 149.21 | 437.17 |
| Hexane | ND | 290.0 | 18.5 | 54.22 |
| Isopropyl Alcohol | ND | | 74.61 | 218.59 |
| Methanol | ND | 3000.0 | 96.47 | 282.66 |
| Pentane | ND | 5000.0 | 149.25 | 437.31 |
| Propane | ND | 5000.0 | 106.66 | 312.5 |
| Toluene | ND | 890.0 | 7.107 | 20.82 |
| Total Xylenes | ND | 2170.0 | 1.387 | 4.065 |

Batch Photo

Sample Certification



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable


 Josh Wurzer, President
 Date: 03/19/2019