

Sample Name: 100 mg CBD Muscle Balm

Lab Sample ID:

LIMS Sample ID: 180725T004

Batch #:

Sample Metric ID:

Sample Type: Infused, Other

Batch Count:

Sample Count:

Unit Mass: 28 Grams per Unit

Date Collected: 07/25/2018

Date Received: 07/26/2018

Tested for: Jambo Superfoods

License #:

Address: Los Angeles CA 90021

Produced by:

License #:

Address:

Overall result for batch:

## Moisture Test Results

| Moisture | %  | Action Limit % |
|----------|----|----------------|
|          | NT |                |

## Cannabinoid Test Results

07/28/2018

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

|          | mg/g  | %      | LOD mg/g | LOQ mg/g |
|----------|-------|--------|----------|----------|
| THC      | 0.197 | 0.0197 | 0.000034 | 0.001    |
| THCa     | ND    | ND     | 0.000066 | 0.001    |
| CBD      | 1.955 | 0.1955 | 0.000057 | 0.001    |
| CBDa     | 1.555 | 0.1555 | 0.000038 | 0.001    |
| CBN      | ND    | ND     | 0.000029 | 0.001    |
| CBDV     | ND    | ND     | 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      | 0.098 | 0.0098 | 0.000095 | 0.001    |

**Sum of Cannabinoids: 3.805 0.3805 106.540 mg/Unit**

Total THC ( $\Delta 9\text{THC} + 0.877 \cdot \text{THCa}$ ) 0.197 0.0197 5.516 mg/Unit  
 Total CBD ( $\text{CBD} + 0.877 \cdot \text{CBDa}$ ) 3.319 0.3319 92.932 mg/Unit

## Residual Solvent Test Results

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 | NT   |                   |          |          |
| Benzene            | NT   |                   |          |          |
| Chloroform         | NT   |                   |          |          |
| Ethylene Oxide     | NT   |                   |          |          |
| Methylene chloride | NT   |                   |          |          |
| Trichloroethylene  | NT   |                   |          |          |
| Acetone            | NT   |                   |          |          |
| Acetonitrile       | NT   |                   |          |          |
| Butane             | NT   |                   |          |          |
| Ethanol            | NT   |                   |          |          |
| Ethyl acetate      | NT   |                   |          |          |
| Ethyl ether        | NT   |                   |          |          |
| Heptane            | NT   |                   |          |          |
| Hexane             | NT   |                   |          |          |
| Isopropyl Alcohol  | NT   |                   |          |          |
| Methanol           | NT   |                   |          |          |
| Pentane            | NT   |                   |          |          |
| Propane            | NT   |                   |          |          |
| Toluene            | NT   |                   |          |          |
| Total Xylenes      | NT   |                   |          |          |

## Terpene Test Results

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

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

Total Terpene Concentration: NT

## Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

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

## Sample Certification



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*Josh Wurzer*  
 Josh Wurzer, President  
 Date: 07/30/2018

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## Pesticide Test Results

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               | NT   |                   |          |          |
| Acephate                | NT   |                   |          |          |
| Acequinocyl             | NT   |                   |          |          |
| Acetamiprid             | NT   |                   |          |          |
| Azoxystrobin            | NT   |                   |          |          |
| Bifenazate              | NT   |                   |          |          |
| Bifenthrin              | NT   |                   |          |          |
| Boscalid                | NT   |                   |          |          |
| Captan                  | NT   |                   |          |          |
| Carbaryl                | NT   |                   |          |          |
| Chlorantranilprole      | NT   |                   |          |          |
| Clofentezine            | NT   |                   |          |          |
| Cyfluthrin              | NT   |                   |          |          |
| Cypermethrin            | NT   |                   |          |          |
| Diazinon                | NT   |                   |          |          |
| Dimethomorph            | NT   |                   |          |          |
| Etoxazole               | NT   |                   |          |          |
| Fenhexamid              | NT   |                   |          |          |
| Fenpyroximate           | NT   |                   |          |          |
| Fonicamid               | NT   |                   |          |          |
| Fludioxonil             | NT   |                   |          |          |
| Hexythiazox             | NT   |                   |          |          |
| Imidacloprid            | NT   |                   |          |          |
| Kresoxim-methyl         | NT   |                   |          |          |
| Malathion               | NT   |                   |          |          |
| Metalaxyl               | NT   |                   |          |          |
| Methomyl                | NT   |                   |          |          |
| Myclobutanil            | NT   |                   |          |          |
| Naled                   | NT   |                   |          |          |
| Oxamyl                  | NT   |                   |          |          |
| Pentachloronitrobenzene | NT   |                   |          |          |
| Permethrin              | NT   |                   |          |          |
| Phosmet                 | NT   |                   |          |          |
| Piperonylbutoxide       | NT   |                   |          |          |
| Prallethrin             | NT   |                   |          |          |
| Propiconazole           | NT   |                   |          |          |
| Pyrethrins              | NT   |                   |          |          |
| Pyridaben               | NT   |                   |          |          |
| Spinetoram              | NT   |                   |          |          |
| Spinosad                | NT   |                   |          |          |
| Spiromesifen            | NT   |                   |          |          |
| Spirotetramat           | NT   |                   |          |          |
| Tebuconazole            | NT   |                   |          |          |
| Thiamethoxam            | NT   |                   |          |          |
| Trifloxystrobin         | NT   |                   |          |          |

## Pesticide Test Results


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          | NT   |                   |          |          |
| Carbofuran        | NT   |                   |          |          |
| Chlordane         | NT   |                   |          |          |
| Chlorfenapyr      | NT   |                   |          |          |
| Chlorpyrifos      | NT   |                   |          |          |
| Coumaphos         | NT   |                   |          |          |
| Daminozide        | NT   |                   |          |          |
| DDVP (Dichlorvos) | NT   |                   |          |          |
| Dimethoate        | NT   |                   |          |          |
| Ethoprop(hos)     | NT   |                   |          |          |
| Etofenprox        | NT   |                   |          |          |
| Fenoxycarb        | NT   |                   |          |          |
| Fipronil          | NT   |                   |          |          |
| Imazalil          | NT   |                   |          |          |
| Methiocarb        | NT   |                   |          |          |
| Methyl parathion  | NT   |                   |          |          |
| Mevinphos         | NT   |                   |          |          |
| Pacllobutrazol    | NT   |                   |          |          |
| Propoxur          | NT   |                   |          |          |
| Spiroxamine       | NT   |                   |          |          |
| Thiacloprid       | NT   |                   |          |          |

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## Label Claim Test Results

### Cannabinoids

| Description | Claim | Actual | RPD | Fail Limit |
|-------------|-------|--------|-----|------------|
| N/A         | N/A   | N/A    | N/A | N/A        |

### Terpenoids

| Description | Claim | Actual | RPD | Fail Limit |
|-------------|-------|--------|-----|------------|
| N/A         | N/A   | N/A    | N/A | N/A        |


## Foreign Material Test Results

NT

## Sample Certification



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Date: 07/30/2018