



# Certificate of Analysis

Mar 02, 2020 | CURALEAF FLORIDA LLC

19000 SW 192 STREET  
MIAMI, FL, 33187, US



Sample: DA00228013-002  
Harvest/Lot ID: HS-CTFOH0227202002  
Cultivation Facility: Miami Cultivation  
Processing Facility : Homestead Processing  
Seed to Sale #7672 5015 2042 2144  
Batch Date : 02/27/20  
Batch#: HS-CTFOH0227202002  
Sample Size Received: 8.0  
Total Weight/Volume: 91864  
Retail Product Size: 60 gram  
Ordered : 02/28/20  
sampled : 02/28/20  
Completed: 03/02/20  
Sampling Method: SOP.T.20.010

**PASSED**

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## PRODUCT IMAGE



## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

## CANNABINOID RESULTS



Total THC  
**0.455%**

THC/Container : 262.080 mg



Total CBD  
**0.451%**

CBD/Container : 260.247 mg



Total Cannabinoids  
**0.944%**

Total Cannabinoids/Container  
: 543.744 mg

|      | TOTAL CA | TOTAL CB | TOTAL TH | CBC    | CBGA   | CBG    | THCV   | D8-THC | CBDV   | CBN    | CBDA   | CBD    | D9-THC | THCA   |
|------|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| %    | 0.9440   | 0.4510   | 0.4550   | 0.0170 | ND     | 0.0160 | ND     | ND     | ND     | <0.010 | 0.0340 | 0.4220 | 0.4550 | ND     |
| mg/g | 9.4400   | 4.5100   | 4.5500   | 0.1700 | ND     | 0.1600 | ND     | ND     | ND     | <0.010 | 0.3400 | 4.2200 | 4.5500 | ND     |
| LOD  | 0.0000   | 0.0010   | 0.0010   | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0001 | 0.0010 |
| %    | %        | %        | %        | %      | %      | %      | %      | %      | %      | %      | %      | %      | %      | %      |

**Filtration PASSED**

Analyzed By: 584  
Analyte: Filtration and Foreign Material  
Analysis Method: -SOP.T.40.013  
Analytical Batch: -DA010591FIL  
Instrument Used: Filtration/Foreign Material Microscope  
Weight: 1g  
Extraction date: 03/02/20  
Extracted By: 584  
LOD: 0  
Result: ND  
Batch Date: 03/02/20 07:34:13  
Reviewed On: 03/02/20 07:35:34

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

## Cannabinoid Profile Test

| Analyzed by                                 | Weight                      | Extraction date :                                | Extracted By :                 |
|---|-----------------------------|--|--------------------------------|
| 1224  | 3.0110g                     | 02/28/20 12:02:14                                | 965                            |
| Analysis Method -SOP.T.40.020, SOP.T.30.050 |                             | Reviewed On - 03/02/20 10:09:16                  | Batch Date : 02/28/20 11:49:53 |
| Analytical Batch -DA010579POT               | Instrument Used : DA-LC-003 |  |                                |
| Reagent                                     | Dilution                    | Consums. ID                                      |                                |
| 022720.R11                                  | 400                         | 180111<br>280653964<br>914C4-914AK<br>929C6-929H |                                |

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo  
Lab Director

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

  
Signature

03/02/20

Signed On



# Certificate of Analysis

**PASSED**

 19000 SW 192 STREET  
 MIAMI, FL, 33187, US  
**Telephone:** 7865860672  
**Email:** erick.ramirez@curaleaf.com

**Sample :** DA00228013-002  
**Harvest/LOT ID:** HS-CTFOH0227202002  
**Batch# :** HS-CTFOH0227202002  
**Sample Size Received :** 8.0  
**Total Weight/Volume :** 91864  
**Sampled :** 02/28/20  
**Completed :** 03/02/20 **Expires:** 03/02/21  
**Ordered :** 02/28/20  
**Sample Method :** SOP.T.20.010

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## Terpenes

**TESTED**

| Terpenes            | LOD(%) | mg/g  | %  | Result (%) | Terpenes        | LOD(%) | mg/g | %  | Result (%) |
|---------------------|--------|-------|----|------------|-----------------|--------|------|----|------------|
| ALPHA-CEDRENE       | 0.007  | ND    | ND |            | EUCALYPTOL      | 0.007  | ND   | ND |            |
| ALPHA-HUMULENE      | 0.007  | ND    | ND |            | ISOBORNEOL      | 0.007  | ND   | ND |            |
| ALPHA-PINENE        | 0.007  | ND    | ND |            | HEXAHYDROTHYMOL | 0.007  | ND   | ND |            |
| ALPHA-TERPINENE     | 0.007  | ND    | ND |            | FENCHYL ALCOHOL | 0.007  | ND   | ND |            |
| BETA-MYRCENE        | 0.007  | ND    | ND |            | 3-CARENE        | 0.007  | ND   | ND |            |
| BETA-PINENE         | 0.007  | ND    | ND |            | CIS-NEROLIDOL   | 0.007  | ND   | ND |            |
| BORNEOL             | 0.013  | ND    | ND |            | ISOPULEGOL      | 0.007  | ND   | ND |            |
| CAMPHENE            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| CAMPHOR             | 0.013  | ND    | ND |            |                 |        |      |    |            |
| CARYOPHYLLENE OXIDE | 0.007  | ND    | ND |            |                 |        |      |    |            |
| CEDROL              | 0.007  | ND    | ND |            |                 |        |      |    |            |
| ALPHA-BISABOOL      | 0.007  | ND    | ND |            |                 |        |      |    |            |
| SABINENE            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| SABINENE HYDRATE    | 0.007  | ND    | ND |            |                 |        |      |    |            |
| TERPINEOL           | 0.007  | ND    | ND |            |                 |        |      |    |            |
| TERPINOLENE         | 0.007  | ND    | ND |            |                 |        |      |    |            |
| BETA-CARYOPHYLLENE  | 0.007  | ND    | ND |            |                 |        |      |    |            |
| TRANS-NEROLIDOL     | 0.007  | ND    | ND |            |                 |        |      |    |            |
| VALENCENE           | 0.007  | ND    | ND |            |                 |        |      |    |            |
| PULEGONE            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| ALPHA-PHELLANDRENE  | 0.007  | ND    | ND |            |                 |        |      |    |            |
| OCIMENE             | 0.007  | ND    | ND |            |                 |        |      |    |            |
| NEROL               | 0.007  | ND    | ND |            |                 |        |      |    |            |
| LINALOOL            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| LIMONENE            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| GUAJOL              | 0.007  | ND    | ND |            |                 |        |      |    |            |
| GERANYL ACETATE     | 0.007  | ND    | ND |            |                 |        |      |    |            |
| GERANIOL            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| GAMMA-TERPINENE     | 0.007  | ND    | ND |            |                 |        |      |    |            |
| FENCHONE            | 0.007  | ND    | ND |            |                 |        |      |    |            |
| FARNESENE           | 0.007  | ND    | ND |            |                 |        |      |    |            |
| <b>Total (%)</b>    |        | 0.000 |    |            |                 |        |      |    |            |



## Terpenes

**TESTED**
**Analyzed by** 1351 **Weight** 1.0025g **Extraction date** 02/28/20 01:02:01 **Extracted By** 1351

**Analysis Method** -SOP.T.40.090  
**Analytical Batch** -DA010560TER **Reviewed On** - 03/02/20 11:23:38  
**Instrument Used** : GA-Triple Quad GCMS Terp  
**Running On** :  
**Batch Date** : 02/28/20 07:54:16

| Reagent    | Dilution | Consums. ID |
|------------|----------|-------------|
| 021420.10  | 10       | 180111      |
| 012120.R13 |          | 280653964   |

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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 MIAMI, FL, 33187, US  
**Telephone:** 7865860672  
**Email:** erick.ramirez@curaleaf.com

**Sample :** DA00228013-002

**Harvest/LOT ID:** HS-CTFOH0227202002

**Batch# :** HS-CTFOH0227202002  
**Sampled :** 02/28/20  
**Ordered :** 02/28/20

**Sample Size Received :** 8.0  
**Total Weight/Volume :** 91864  
**Completed :** 03/02/20 **Expires:** 03/02/21  
**Sample Method :** SOP.T.20.010

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## Pesticides

**PASSED**

| Pesticides          | LOD   | Units | Action Level | Result | Pesticides                          | LOD  | Units | Action Level | Result |
|---------------------|-------|-------|--------------|--------|-------------------------------------|------|-------|--------------|--------|
| DIMETHOATE          | 0.01  | ppm   | 0.1          | ND     | PROPICONAZOLE                       | 0.01 | ppm   | 1            | ND     |
| CYPERMETHRIN        | 0.01  | ppm   | 1            | ND     | PROPOXUR                            | 0.01 | ppm   | 0.1          | ND     |
| ABAMECTIN B1A       | 0.02  | ppm   | 0.3          | ND     | PYRETHRINS                          | 0.01 | ppm   | 1            | ND     |
| ACEPHATE            | 0.001 | ppm   | 3            | ND     | PYRIDABEN                           | 0.01 | ppm   | 3            | ND     |
| DICHLORVOS          | 0.05  | ppm   | 0.1          | ND     | SPINETORAM                          | 0.01 | PPM   | 3            | ND     |
| DIMETHOMORPH        | 0.005 | ppm   | 3            | ND     | SPIROMESIFEN                        | 0.01 | ppm   | 3            | ND     |
| ACEQUINOCYL         | 0.01  | ppm   | 2            | ND     | SPIROTETRAMAT                       | 0.02 | ppm   | 3            | ND     |
| ACETAMIPRID         | 0.01  | ppm   | 3            | ND     | SPIROXAMINE                         | 0.01 | ppm   | 0.1          | ND     |
| ETHOPROPHOS         | 0.01  | ppm   | 0.1          | ND     | TEBUCONAZOLE                        | 0.01 | ppm   | 1            | ND     |
| ALDICARB            | 0.02  | ppm   | 0.1          | ND     | THIACLOPRID                         | 0.01 | ppm   | 0.1          | ND     |
| ETOFENPROX          | 0.01  | ppm   | 0.1          | ND     | THIAMETHOXAM                        | 0.01 | ppm   | 1            | ND     |
| AZOXYSTROBIN        | 0.01  | ppm   | 3            | ND     | TOTAL CONTAMINANT LOAD (PESTICIDES) | 0.1  | PPM   | 20           | ND     |
| ETOXAZOLE           | 0.01  | ppm   | 1.5          | ND     | TOTAL PERMETHRIN                    | 1    | ppm   | 1            | ND     |
| BIFENAZATE          | 0.01  | ppm   | 3            | ND     | TOTAL SPINOSAD                      | 1    | ppm   | 3            | ND     |
| FENHEXAMID          | 0.01  | ppm   | 3            | ND     | TRIFLOXYSTROBIN                     | 0.01 | ppm   | 3            | ND     |
| FENOXYCARB          | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| BIFENTHRIN          | 0.01  | ppm   | 0.5          | ND     |                                     |      |       |              |        |
| BOSCALID            | 0.01  | PPM   | 3            | ND     |                                     |      |       |              |        |
| FENPYROXIMATE       | 0.01  | ppm   | 2            | ND     |                                     |      |       |              |        |
| CARBARYL            | 0.01  | ppm   | 0.5          | ND     |                                     |      |       |              |        |
| FIPRONIL            | 0.02  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| FLONICAMID          | 0.01  | ppm   | 2            | ND     |                                     |      |       |              |        |
| CARBOFURAN          | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| CHLORANTRANILIPROLE | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| FLUDIOXONIL         | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| HEXYTHIAZOX         | 0.01  | ppm   | 2            | ND     |                                     |      |       |              |        |
| IMAZALIL            | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| IMIDACLOPRID        | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| CHLORPYRIFOS        | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| KRESOXIM-METHYL     | 0.01  | ppm   | 1            | ND     |                                     |      |       |              |        |
| MALATHION           | 0.01  | ppm   | 2            | ND     |                                     |      |       |              |        |
| CLOFENTEZINE        | 0.01  | ppm   | 0.5          | ND     |                                     |      |       |              |        |
| METALAXYL           | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| COUMAPHOS           | 0.005 | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| METHIOCARB          | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| METHOMYL            | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| DAMINOZIDE          | 0.02  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| DIAZANON            | 0.01  | ppm   | 0.2          | ND     |                                     |      |       |              |        |
| MEVINPHOS           | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| MYCLOBUTANIL        | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| NALED               | 0.01  | ppm   | 0.5          | ND     |                                     |      |       |              |        |
| OXAMYL              | 0.01  | ppm   | 0.5          | ND     |                                     |      |       |              |        |
| PACLOBUTRAZOL       | 0.01  | ppm   | 0.1          | ND     |                                     |      |       |              |        |
| PHOSMET             | 0.01  | ppm   | 0.2          | ND     |                                     |      |       |              |        |
| PIPERONYL BUTOXIDE  | 0.01  | ppm   | 3            | ND     |                                     |      |       |              |        |
| PRALLETHRIN         | 0.05  | ppm   | 0.4          | ND     |                                     |      |       |              |        |



## Pesticides

**PASSED**

|  |                   |                                      |                      |
|--|-------------------|--------------------------------------|----------------------|
| Analyzed by<br>585   | Weight<br>1.0336g | Extraction date<br>02/28/20 01:02:03 | Extracted By<br>1082 |
| Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070  |                   |                                      |                      |
| Analytical Batch - DA010567PES   |                   | Reviewed On- 03/02/20<br>07:35:34    |                      |
| Instrument Used : DA-LCMS-001_DER  |                   | Batch Date : 02/28/20 09:09:04       |                      |
| Running On :   |                   |                                      |                      |
| Reagent  | Dilution          | Consums. ID                          |                      |
| 013120.30<br>022720.R13<br>022720.R14  | 10                | 180111<br>280653964                  |                      |
| Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS. |                   |                                      |                      |

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**Jorge Segredo**  
 Lab Director

 State License # CMTL-0002  
 ISO Accreditation # ISO/IEC  
 17025:2017 Accreditation  
 PJLA-Testing 97164


 Signature

03/02/20

Signed On





# Certificate of Analysis

**PASSED**

 19000 SW 192 STREET  
 MIAMI, FL, 33187, US  
**Telephone:** 7865860672  
**Email:** erick.ramirez@curaleaf.com

**Sample :** DA00228013-002  
**Harvest/LOT ID:** HS-CTFOH0227202002

**Batch# :** HS-CTFOH0227202002  
**Sampled :** 02/28/20  
**Ordered :** 02/28/20

**Sample Size Received :** 8.0  
**Total Weight/Volume :** 91864  
**Completed :** 03/02/20 **Expires:** 03/02/21  
**Sample Method :** SOP.T.20.010

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|  |                          |               |
|--|--------------------------|---------------|
|  | <b>Residual Solvents</b> | <b>PASSED</b> |
|--|--------------------------|---------------|

|   |                          |               |
|---|--------------------------|---------------|
|  | <b>Residual Solvents</b> | <b>PASSED</b> |
|---|--------------------------|---------------|

| Solvent              | LOD  | Units | Action Level (PPM) | Pass/Fail | Result |
|----------------------|------|-------|--------------------|-----------|--------|
| BUTANES (N-BUTANE)   | 96   | ppm   | 5000               | PASS      | ND     |
| CHLOROFORM           | 0.18 | ppm   | 2                  | PASS      | ND     |
| 1,2-DICHLOROETHANE   | 0.18 | ppm   | 2                  | PASS      | ND     |
| 1,1-DICHLOROETHENE   | 1    | ppm   | 8                  | PASS      | ND     |
| DICHLOROMETHANE      | 3.75 | ppm   | 125                | PASS      | ND     |
| ETHANOL              | 90   | ppm   | 1000000            | PASS      | ND     |
| ETHYL ACETATE        | 36   | ppm   | 400                | PASS      | ND     |
| ETHYL ETHER          | 45   | ppm   | 500                | PASS      | ND     |
| ETHYLENE OXIDE       | 0.6  | ppm   | 5                  | PASS      | ND     |
| HEPTANE              | 45   | ppm   | 5000               | PASS      | ND     |
| METHANOL             | 22.5 | ppm   | 250                | PASS      | ND     |
| N-HEXANE             | 4.5  | ppm   | 250                | PASS      | ND     |
| PENTANES (N-PENTANE) | 67.5 | ppm   | 750                | PASS      | ND     |
| ACETONE              | 67.5 | ppm   | 750                | PASS      | ND     |
| PROPANE              | 120  | ppm   | 5000               | PASS      | ND     |
| ACETONITRILE         | 5.4  | ppm   | 60                 | PASS      | ND     |
| TOLUENE              | 13.5 | ppm   | 150                | PASS      | ND     |
| BENZENE              | 0.09 | ppm   | 1                  | PASS      | ND     |
| TOTAL XYLENES        | 13.5 | ppm   | 150                | PASS      | ND     |
| 2-PROPANOL           | 45   | ppm   | 500                | PASS      | ND     |
| TRICHLOROETHYLENE    | 2.25 | ppm   | 25                 | PASS      | ND     |

|                           |                          |   |                            |
|---------------------------|--------------------------|---|----------------------------|
| <b>Analyzed by</b><br>850 | <b>Weight</b><br>0.0246g | <b>Extraction date</b><br>02/28/20 03:02:21 | <b>Extracted By</b><br>850 |
|---------------------------|--------------------------|---|----------------------------|

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA010584SOL**  
**Instrument Used : Headspace GCMS**  
**Running On :**  
**Batch Date : 02/28/20 15:42:57**

Reviewed On - 03/02/20 11:51:47

| Reagent | Dilution | Consums. ID                      |
|---------|----------|----------------------------------|
|         | 1        | 00279984<br>161291-1<br>24154107 |

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).



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**Telephone:** 7865860672  
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**Harvest/LOT ID:** HS-CTFOH0227202002

**Batch# :** HS-CTFOH0227202002  
**Sampled :** 02/28/20  
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**Sample Size Received :** 8.0  
**Total Weight/Volume :** 91864  
**Completed :** 03/02/20 **Expires:** 03/02/21  
**Sample Method :** SOP.T.20.010

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|  |                   |               |
|--|-------------------|---------------|
|  | <b>Microbials</b> | <b>PASSED</b> |
|--|-------------------|---------------|

| Analyte                       | LOD | Result                 | Action Level (cfu/g) |
|-------------------------------|-----|------------------------|----------------------|
| ASPERGILLUS_FLAVUS            |     | not present in 1 gram. |                      |
| ASPERGILLUS_FUMIGATUS         |     | not present in 1 gram. |                      |
| ASPERGILLUS_NIGER             |     | not present in 1 gram. |                      |
| ASPERGILLUS_TERREUS           |     | not present in 1 gram. |                      |
| ESCHERICHIA_COLI_SHIGELLA_SPP |     | not present in 1 gram. |                      |
| SALMONELLA_SPECIFIC_GENE      |     | not present in 1 gram. |                      |
| TOTAL_YEAST_AND_MOLD          |     | not present in 1 gram. |                      |

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
 Analytical Batch -DA010562MIC Batch Date : 02/28/20, 02/28/20  
 Instrument Used : PathogenDX PCR\_Array Scanner, PathogenDX PCR\_Array Scanner  
 Running On :

| Analyzed by | Weight  | Extraction date | Extracted By |
|-------------|---------|-----------------|--------------|
| 513,        | 1.0097g | 02/28/20        | 1082,        |

| Reagent    | Reagent    | Consums. ID | Consums. ID |
|------------|------------|-------------|-------------|
| 022620.R03 | 122719.72  | 181019-274  | 19323       |
| 121619.09  | 122719.73  | 181207119C  | 23819111    |
| 013120.77  | 013120.344 | 918C4-918J  | 190611634   |
| 013120.110 | 020420.364 | 914C4-914AK | SG298A      |
| 013120.131 | 013120.404 | 929C6-929H  |             |
| 013120.137 | 122719.50  | 50AX26219   |             |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plate is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

|   |                   |               |
|---|-------------------|---------------|
|  | <b>Mycotoxins</b> | <b>PASSED</b> |
|---|-------------------|---------------|

| Analyte       | LOD   | Units | Result | Action Level (PPM) |
|---------------|-------|-------|--------|--------------------|
| AFLATOXIN G2  | 0.002 | ppm   | ND     | 0.02               |
| AFLATOXIN G1  | 0.002 | ppm   | ND     | 0.02               |
| AFLATOXIN B2  | 0.002 | ppm   | ND     | 0.02               |
| AFLATOXIN B1  | 0.002 | ppm   | ND     | 0.02               |
| OCHRATOXIN A+ | 0.002 | ppm   | ND     | 0.02               |

Analysis Method -SOP.T.30.065, SOP.T.40.065  
 Analytical Batch -DA010568 | Reviewed On - 03/02/20 10:21:49  
 Instrument Used : DA-LCMS-001\_DER  
 Running On :  
 Batch Date : 02/28/20 09:10:00

| Analyzed by | Weight | Extraction date   | Extracted By |
|-------------|--------|-------------------|--------------|
| 585         | 1g     | 02/28/20 03:02:07 | 585          |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

|   |                     |               |
|---|---------------------|---------------|
|  | <b>Heavy Metals</b> | <b>PASSED</b> |
|---|---------------------|---------------|

| Reagent    | Reagent    | Dilution |
|------------|------------|----------|
| 022520.R13 | 021720.R04 | 50       |
| 022820.R01 | 020720.R02 |          |
| 022420.R01 | 111319.02  |          |
| 022420.R02 |            |          |
| 021720.R06 |            |          |
| 021920.R01 |            |          |

| Metal   | LOD  | Unit | Result | Action Level (PPM) |
|---------|------|------|--------|--------------------|
| ARSENIC | 0.02 | PPM  | ND     | 1.5                |
| CADMIUM | 0.02 | PPM  | ND     | 0.5                |
| LEAD    | 0.02 | PPM  | ND     | 0.5                |
| MERCURY | 0.02 | PPM  | ND     | 3                  |

| Analyzed by | Weight  | Extraction date   | Extracted By |
|-------------|---------|-------------------|--------------|
| 53          | 0.2508g | 02/28/20 02:02:43 | 457          |

Analysis Method -SOP.T.40.050, SOP.T.30.052  
 Analytical Batch -DA010563HEA | Reviewed On - 03/02/20 07:19:19  
 Instrument Used : ICPMS-2030 B  
 Running On :  
 Batch Date : 02/28/20 08:47:25

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**Jorge Segredo**  
 Lab Director

 State License # CMTL-0002  
 ISO Accreditation # ISO/IEC  
 17025:2017 Accreditation  
 PJLA-Testing 97164

  
 Signature

03/02/20

Signed On