



# Certificate of Analysis

Jan 16, 2020 | CURALEAF FLORIDA LLC

19000 SW 192 STREET  
MIAMI, FL, 33187, US

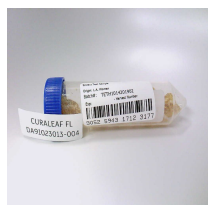


Sample: DA91023013-004  
Harvest/Lot ID: HS-TETH1014201902  
Cultivation Facility: Miami Cultivation  
Processing Facility : Homestead Processing  
Seed to Sale #3052 5943 1712 3177  
Batch Date : N/A  
Batch#: HS-TETH1014201902  
Sample Size Received: 7.0 gram  
Total Weight/Volume: 400 gram  
Retail Product Size: 1.0 gram gram  
Ordered : 10/23/19  
sampled : 10/23/19  
Completed: 01/16/20  
Sampling Method: SOP Client Method

**PASSED**

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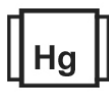
## PRODUCT IMAGE



## 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**

## MISC.

## CANNABINOID RESULTS



Total THC

**74.660%**

THC/Container : 746.61 mg



Total CBD

**0.195%**

CBD/Container : 1.95 mg



Total Cannabinoids

**88.226%**

Total Cannabinoids / Container  
: 0.000

|      | TOTAL CA | TOTAL CB | TOTAL TH | CBC    | CBGA    | CBG    | THCV   | DB-THC | CBDV   | CBN    | CBDA   | CBD    | THCA     | D9-THC  |
|------|----------|----------|----------|--------|---------|--------|--------|--------|--------|--------|--------|--------|----------|---------|
| %    | 88.2260  | 0.1950   | 74.6600  | ND     | 3.0780  | 0.2060 | ND     | ND     | ND     | ND     | 0.1680 | 0.0480 | 81.8409  | 2.8860  |
| mg/g | 882.2600 | 1.9500   | 746.5990 | ND     | 30.7800 | 2.0600 | ND     | ND     | ND     | ND     | 1.6800 | 0.4800 | 818.4100 | 28.8600 |
| 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 | 0.0010   | 0.0001  |
| %    | %        | %        | %        | %      | %       | %      | %      | %      | %      | %      | %      | %      | %        | %       |

| Filtration | PASSED |
|------------|--------|
|------------|--------|

| Analyzed By                     | Weight | Extraction date | Extracted By          |
|---------------------------------|--------|-----------------|-----------------------|
| 584                             | 1g     | 10/23/19        | 584                   |
| Analyte                         |        |                 |                       |
| Filtration and Foreign Material |        |                 | LOD                   |
|                                 |        |                 | 0                     |
|                                 |        |                 | Batch Date : 10/23/19 |
|                                 |        |                 | 15:08:11              |

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereomicroscope is used for inspection.

## Cannabinoid Profile Test

| Analyzed by                 | Weight          | Extraction date : | Extracted By :                 |
|-----------------------------|-----------------|-------------------|--------------------------------|
| 450                         | 0.1065g         | 10/23/19 12:10:14 | 574                            |
| Analysis Method             | Instrument Used |                   | Batch Date : 10/23/19 09:24:50 |
| -SOP.T.40.020, SOP.T.30.050 | DA-LC-003       |                   |                                |
| Analytical Batch -DA007382  |                 |                   |                                |

| Reagent | Dilution | Consumers. ID |
|---------|----------|---------------|
|---------|----------|---------------|

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

01/16/20

Signed On



# Certificate of Analysis

**PASSED**

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

**Sample :** DA91023013-004  
**Harvest/LOT ID:** HS-TETH1014201902

**Batch# :** HS-TETH1014201902  
**Sampled :** 10/23/19  
**Ordered :** 10/23/19

**Sample Size Received :** 7.0 gram  
**Total Weight/Volume :** 400 gram  
**Completed :** 01/16/20 **Expires:** 01/16/21  
**Sample Method :** SOP Client Method

Page 2 of 5



## Terpenes

**TESTED**

| Terpenes            | LOD(%) | mg/g   | %       | Result (%) | Terpenes           | LOD(%) | mg/g  | %       | Result (%) |
|---------------------|--------|--------|---------|------------|--------------------|--------|-------|---------|------------|
| ALPHA-CEDRENE       | 0.007  | ND     | ND      |            | SABINENE           | 0.007  | ND    | ND      |            |
| ALPHA-HUMULENE      | 0.007  | 4.106  | 0.410   |            | SABINENE HYDRATE   | 0.007  | ND    | ND      |            |
| ALPHA-PINENE        | 0.007  | < 0.2  | < 0.020 |            | TERPINEOL          | 0.007  | 1.939 | 0.193   |            |
| ALPHA-TERPINENE     | 0.007  | ND     | ND      |            | TERPINOLENE        | 0.007  | < 0.2 | < 0.020 |            |
| BETA-MYRCENE        | 0.007  | 1.650  | 0.165   |            | BETA-CARYOPHYLLENE | 0.007  | ND    | ND      |            |
| BETA-PINENE         | 0.007  | 0.269  | 0.026   |            | TRANS-NEROLIDOL    | 0.007  | 1.450 | 0.145   |            |
| BORNEOL             | 0.013  | 0.683  | 0.068   |            | VALENCENE          | 0.007  | ND    | ND      |            |
| CAMPHENE            | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| CAMPHOR             | 0.013  | < 0.4  | < 0.040 |            |                    |        |       |         |            |
| CARYOPHYLLENE OXIDE | 0.007  | 0.313  | 0.031   |            |                    |        |       |         |            |
| CEDROL              | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| ALPHA-BISABOOL      | 0.007  | 6.051  | 0.605   |            |                    |        |       |         |            |
| ISOPULEGOL          | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| CIS-NEROLIDOL       | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| 3-CARENE            | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| FENCHYL ALCOHOL     | 0.007  | 2.087  | 0.208   |            |                    |        |       |         |            |
| HEXAHYDROTHYMOL     | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| EUCALYPTOL          | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| ISOBORNEOL          | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| FARNESENE           | 0.007  | 10.871 | 1.087   |            |                    |        |       |         |            |
| FENCHONE            | 0.007  | < 0.2  | < 0.020 |            |                    |        |       |         |            |
| GAMMA-TERPINENE     | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| GERANIOL            | 0.007  | < 0.2  | < 0.020 |            |                    |        |       |         |            |
| GERANYL ACETATE     | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| GUAJOL              | 0.007  | 5.918  | 0.591   |            |                    |        |       |         |            |
| LIMONENE            | 0.007  | 2.618  | 0.261   |            |                    |        |       |         |            |
| LINALOOL            | 0.007  | 5.745  | 0.574   |            |                    |        |       |         |            |
| NEROL               | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| OCIMENE             | 0.007  | < 0.2  | < 0.020 |            |                    |        |       |         |            |
| ALPHA-PHELLANDRENE  | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| PULEGONE            | 0.007  | ND     | ND      |            |                    |        |       |         |            |
| <b>Total (%)</b>    |        | 4.370  |         |            |                    |        |       |         |            |



## Terpenes

**TESTED**
**Analyzed by** 585 **Weight** 0.9699g **Extraction date** 10/23/19 06:10:20 **Extracted By** 585

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA007375**  
**Instrument Used : Liquid Injection GCMS QP2020 (E-SHI-128)**  
**Running On :**  
**Batch Date : 10/23/19 08:03:47**

| Reagent  | Dilution | Consums. ID |
|--|----------|-------------|
|  | 10       |             |
| 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. |          |             |



# Certificate of Analysis

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 19000 SW 192 STREET  
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**Telephone:** 7865860672  
**Email:** erick.ramirez@curaleaf.com

**Sample :** DA91023013-004  
**Harvest/LOT ID:** HS-TETH1014201902

**Batch# :** HS-TETH1014201902  
**Sampled :** 10/23/19  
**Ordered :** 10/23/19

**Sample Size Received :** 7.0 gram  
**Total Weight/Volume :** 400 gram  
**Completed :** 01/16/20 **Expires:** 01/16/21  
**Sample Method :** SOP Client Method

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## Pesticides

**PASSED**

| Pesticides          | LOD   | Units | Action Level | Result | Pesticides            | LOD  | Units | Action Level | Result |
|---------------------|-------|-------|--------------|--------|-----------------------|------|-------|--------------|--------|
| CHLORDANE           | 0.005 | ppm   | 0.1          | ND     | OXAMYL                | 0.01 | ppm   | 0.5          | ND     |
| CAPTAN              | 0.05  | ppm   | 0.7          | ND     | PACLOBUTRAZOL         | 0.01 | ppm   | 0.1          | ND     |
| BOSCALID            | 0.01  | PPM   | 0.1          | ND     | TRANS-PERMETHRIN      | 0.05 | ppm   | 0.1          | ND     |
| DIMETHOATE          | 0.01  | ppm   | 0.1          | ND     | PHOSMET               | 0.01 | ppm   | 0.1          | ND     |
| AZOXYSTROBIN        | 0.01  | ppm   | 0.01         | ND     | PIPERONYL BUTOXIDE    | 0.01 | ppm   | 3            | ND     |
| ABAMECTIN B1A       | 0.02  | ppm   | 0.1          | ND     | PRALLETHRIN           | 0.05 | ppm   | 0.1          | ND     |
| CIS-PERMETHRIN      | 0.05  | ppm   | 0.1          | ND     | PROPICONAZOLE         | 0.01 | ppm   | 0.1          | ND     |
| SPINETORAM          | 0.01  | PPM   | 0.2          | ND     | PROPOXUR              | 0.01 | ppm   | 0.1          | ND     |
| ACEPHATE            | 0.001 | ppm   | 0.1          | ND     | PYRETHRIN I           | 0.01 | ppm   | 0.5          | ND     |
| FENOXYCARB          | 0.01  | ppm   | 0.1          | ND     | PYRIDABEN             | 0.01 | ppm   | 0.2          | ND     |
| DIMETHOMORPH        | 0.005 | ppm   | 0.2          | ND     | SPINOSAD (SPINOSYN A) | 0.01 | ppm   | 0.1          | ND     |
| BIFENAZATE          | 0.01  | ppm   | 0.1          | ND     | SPINOSAD (SPINOSYN D) | 0.01 | ppm   | 0.1          | ND     |
| ETHOPROPHOS         | 0.01  | ppm   | 0.1          | ND     | SPIROMESIFEN          | 0.01 | ppm   | 0.1          | ND     |
| ACEQUINOCYL         | 0.01  | ppm   | 0.1          | ND     | SPIROTETRAMAT         | 0.02 | ppm   | 0.1          | ND     |
| ACETAMIPRID         | 0.01  | ppm   | 0.1          | ND     | SPIROXAMINE           | 0.01 | ppm   | 0.1          | ND     |
| ETOFENPROX          | 0.01  | ppm   | 0.1          | ND     | TEBUCONAZOLE          | 0.01 | ppm   | 0.1          | ND     |
| BIFENTHRIN          | 0.01  | ppm   | 0.1          | ND     | THIACLOPRID           | 0.01 | ppm   | 0.1          | ND     |
| ALDICARB            | 0.02  | ppm   | 0.1          | ND     | THIAMETHOXAM          | 0.01 | ppm   | 0.5          | ND     |
| ETOXAZOLE           | 0.01  | ppm   | 0.1          | ND     | TRIFLOXYSTROBIN       | 0.01 | ppm   | 0.1          | ND     |
| FENPYROXIMATE       | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| FIPRONIL            | 0.02  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| FENHEXAMID          | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| CARBARYL            | 0.01  | ppm   | 0.5          | ND     |                       |      |       |              |        |
| CARBOFURAN          | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| FLONICAMID          | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| FLUDIOXONIL         | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| CHLORFENAPYR        | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| CHLORANTRANILIPROLE | 0.01  | ppm   | 1            | ND     |                       |      |       |              |        |
| HEXYTHIAZOX         | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| CHLORPYRIFOS        | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| IMAZALIL            | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| MALATHION           | 0.01  | ppm   | 0.2          | ND     |                       |      |       |              |        |
| CLOFENTEZINE        | 0.01  | ppm   | 0.2          | ND     |                       |      |       |              |        |
| DAMINOZIDE          | 0.02  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| IMIDACLOPRID        | 0.01  | ppm   | 0.4          | ND     |                       |      |       |              |        |
| METALAXYL           | 0.01  | ppm   | 0.02         | ND     |                       |      |       |              |        |
| DICHLORVOS          | 0.05  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| METHIOCARB          | 0.01  | ppm   | 0.05         | ND     |                       |      |       |              |        |
| COUMAPHOS           | 0.005 | ppm   | 0.1          | ND     |                       |      |       |              |        |
| METHOMYL            | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| KRESOXIM-METHYL     | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| DIAZANON            | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| CYPERMETHRIN        | 0.01  | ppm   | 0.5          | ND     |                       |      |       |              |        |
| MEVINPHOS           | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| MYCLOBUTANIL        | 0.01  | ppm   | 0.1          | ND     |                       |      |       |              |        |
| NALED               | 0.01  | ppm   | 0.25         | ND     |                       |      |       |              |        |



## Pesticides

**PASSED**

|  |                          |   |                             |
|--|--------------------------|---|-----------------------------|
| <b>Analyzed by</b><br>53   | <b>Weight</b><br>1.0923g | <b>Extraction date</b><br>10/24/19 04:10:17 | <b>Extracted By</b><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 - DA007427  |                          |   |                             |
| Instrument Used : LCMS E-SHI-039   |                          |   |                             |
| Running On : Batch Date : 10/24/19 11:09:22  |                          |   |                             |
| <b>Reagent</b>   | <b>Dilution</b><br>10    | <b>Consums. ID</b><br>180711<br>280650586   |                             |

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

01/16/20

Signed On





# Certificate of Analysis

**PASSED**

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

**Sample :** DA91023013-004  
**Harvest/LOT ID:** HS-TETH1014201902

**Batch# :** HS-  
 TETH1014201902  
**Sampled :** 10/23/19  
**Ordered :** 10/23/19

**Sample Size Received :** 7.0 gram  
**Total Weight/Volume :** 400 gram  
**Completed :** 01/16/20 **Expires:** 01/16/21  
**Sample Method :** SOP Client Method

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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   |
|----------------------|-------|-------|--------------------|-----------|----------|
| PROPANE              | 120   | ppm   | 2100               | PASS      | ND       |
| BUTANES (N-BUTANE)   | 96    | ppm   | 2000               | PASS      | ND       |
| ETHYLENE OXIDE       | 0.6   | ppm   | 5                  | PASS      | ND       |
| METHANOL             | 22.5  | ppm   | 250                | PASS      | ND       |
| ETHANOL              | 90    | ppm   | 5000               | PASS      | 1854.396 |
| PENTANES (N-PENTANE) | 67.5  | ppm   | 750                | PASS      | ND       |
| ETHYL ETHER          | 45    | ppm   | 500                | PASS      | ND       |
| ACETONE              | 67.5  | ppm   | 750                | PASS      | ND       |
| 2-PROPANOL           | 45    | ppm   | 500                | PASS      | ND       |
| ACETONITRILE         | 5.4   | ppm   | 60                 | PASS      | ND       |
| DICHLOROMETHANE      | 11.25 | ppm   | 125                | PASS      | ND       |
| N-HEXANE             | 4.5   | ppm   | 250                | PASS      | ND       |
| ETHYL ACETATE        | 36    | ppm   | 400                | PASS      | <140.000 |
| BENZENE              | 0.09  | ppm   | 1                  | PASS      | ND       |
| HEPTANE              | 45    | ppm   | 500                | PASS      | ND       |
| TOLUENE              | 13.5  | ppm   | 150                | PASS      | ND       |
| CHLOROFORM           | 0.18  | ppm   | 2                  | PASS      | ND       |
| 1,2-DICHLOROETHANE   | 0.18  | ppm   | 2                  | PASS      | ND       |
| TRICHLOROETHYLENE    | 2.25  | ppm   | 25                 | PASS      | ND       |
| 1,1-DICHLOROETHENE   | 1     | ppm   | 8                  | PASS      | ND       |
| TOTAL XYLENES        | 13.5  | ppm   | 150                | PASS      | ND       |

|                           |                          |   |                            |
|---------------------------|--------------------------|---|----------------------------|
| <b>Analyzed by</b><br>850 | <b>Weight</b><br>0.0260g | <b>Extraction date</b><br>10/23/19 03:10:31 | <b>Extracted By</b><br>850 |
|---------------------------|--------------------------|---|----------------------------|

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA007410**  
**Instrument Used : Headspace GCMS**  
**Running On :**  
**Batch Date : 10/23/19 15:34:04**

| Reagent | Dilution | Consums. ID                      |
|---------|----------|----------------------------------|
|         | 1        | 00268767<br>160861-1<br>24151941 |

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).



# Certificate of Analysis

**PASSED**

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 MIAMI, FL, 33187, US  
**Telephone:** 7865860672  
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**Sample :** DA91023013-004  
**Harvest/LOT ID:** HS-TETH1014201902

**Batch# :** HS-TETH1014201902  
**Sampled :** 10/23/19  
**Ordered :** 10/23/19

**Sample Size Received :** 7.0 gram  
**Total Weight/Volume :** 400 gram  
**Completed :** 01/16/20 **Expires:** 01/16/21  
**Sample Method :** SOP Client Method

Page 5 of 5

|  |                   |               |
|--|-------------------|---------------|
|  | <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. |                      |

**Analysis Method -**SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
**Analytical Batch -**DA007392 **Batch Date :** 10/23/19  
**Instrument Used :** PathogenDX PCR\_Array Scanner  
**Running On :**

| Analyzed by | Weight  | Extraction date | Extracted By |
|-------------|---------|-----------------|--------------|
| 513         | 1.0039g | 10/23/19        | 1082         |

| Reagent    | Consums. ID                                 |
|------------|---|
| 102319.R01 | 013<br>2803021<br>A02<br>009D<br>019<br>011 |

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-plating 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     |                    |
| AFLATOXIN G1     | 0.002 | ppm   | ND     |                    |
| AFLATOXIN B2     | 0.002 | ppm   | ND     |                    |
| AFLATOXIN B1     | 0.002 | ppm   | ND     |                    |
| OCHRATOXIN A+    | 0.002 | ppm   | ND     | 0.02               |
| TOTAL AFLATOXINS | 0.02  | PPM   | ND     | 0.02               |

**Analysis Method -**SOP.T.30.065, SOP.T.40.065  
**Analytical Batch -**DA007429  
**Instrument Used :** LCMS E-SHI-039  
**Running On :**  
**Batch Date :** 10/24/19 11:09:41

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|--------|-----------------|--------------|
| 53          | 1g     | NA              | NA           |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

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

**Dilution**

50

| Metal   | LOD  | Unit | Result | Action Level (PPM) |
|---------|------|------|--------|--------------------|
| ARSENIC | 0.01 | PPM  | ND     | 0.2                |
| CADMIUM | 0.01 | PPM  | ND     | 0.2                |
| LEAD    | 0.01 | PPM  | ND     | 0.5                |
| MERCURY | 0.01 | PPM  | ND     | 0.1                |

| Analyzed by | Weight  | Extraction date   | Extracted By |
|-------------|---------|-------------------|--------------|
| 457         | 0.5199g | 10/24/19 09:10:05 | 457          |

**Analysis Method -**SOP.T.40.050, SOP.T.30.052  
**Analytical Batch -**DA007415  
**Instrument Used :** ICPMS-2030  
**Running On :**  
**Batch Date :** 10/24/19 08:41:59

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.