

CUSTOMER INFORMATION

Customer: Appalachian Growers
Phone No.: 404-273-6544
E-mail: manager@appalachiangrowers.com

SAMPLE INFORMATION

Sample Name: Lifter
Sample Description: Flower-Cured
Sample ID: SAMPLE- 3008
Sample Received On: 10/05/2020



| CANNABINOID POTENCY | | | | Date Tested: 10/06/2020 Operator: Jennifer Hay | |
|---------------------|------------|------------|----------------------|---|--|
| ANALYTE | LOD (mg/g) | LOQ (mg/g) | Concentration (mg/g) | Concentration (%) | |
| CBD | 0.07 | 0.23 | 7.46 | 0.75 | |
| CBDA | 0.07 | 0.23 | 235.98 | 23.60 | |
| delta-9 THC | 0.07 | 0.23 | 0.90 | 0.09 | |
| delta-9 THCA | 0.07 | 0.23 | 9.69 | 0.97 | |
| CBG | 0.07 | 0.23 | 0.73 | 0.07 | |
| CBGA | 0.07 | 0.23 | 6.58 | 0.66 | |
| CBN | 0.07 | 0.23 | ND | ND | |
| CBC | 0.07 | 0.23 | 0.78 | 0.08 | |
| delta-8 THC | 0.07 | 0.23 | ND | ND | |
| THCV | 0.07 | 0.23 | ND | ND | |
| Total CBD | | | 214.41 | 21.44 | |
| Total THC | | | 9.40 | 0.94 | |

Total CBD = CBDA * 0.877 + CBD

Total delta-9 THC = THCA * 0.877 + delta-9 THC

The Measurement Uncertainty for Total THC at 0.3% is +/-0.05%. The range for Total THC is 0.25%-0.35%.

Appalachian Growers



CERTIFICATE OF ANALYSIS

ECC Test Lab
3154 State Street, Suite 2010
Blacksburg, VA 24060
540-682-3765
info@ecctestlab.com

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| TERPENE PROFILE | | Date Tested: 10/07/2020 |
|------------------------|----------------------|-------------------------|
| | | Operator: Jennifer Hay |
| ANALYTE | Concentration (mg/g) | Concentration (%) |
| Caryophyllene Oxide | 0.103 | 0.01 |
| α -Pinene | 1.44 | 0.14 |
| Camphene | 0.366 | 0.04 |
| β -Pinene | 0.602 | 0.06 |
| Myrcene | 3.98 | 0.40 |
| α -Terpinene | 0.014 | 0.00 |
| Limonene | 0.675 | 0.07 |
| Ocimene | 0.271 | 0.03 |
| γ -Terpinene | 0.017 | 0.00 |
| Terpinolene | 0.046 | 0.01 |
| Linalool | 0.395 | 0.04 |
| Geraniol | 0.00 | 0.00 |
| Guaiol | 0.115 | 0.01 |
| α -Humulene | 2.95 | 0.30 |
| β -Caryophyllene | 6.27 | 0.63 |
| Δ 3-Carene | 0.00 | 0.00 |
| Cineole/Eucalyptol | 0.00 | 0.00 |
| Nerolidol | 0.00 | 0.00 |
| Isopulegol | 0.00 | 0.00 |
| α -Bisabolol | 0.335 | 0.03 |
| p-cymene | 0.00 | 0.00 |

The sample was analyzed for terpenes using Head-Space Gas Chromatography with Mass Spectrometric detection (GC-MS). The LOQ for the method is 10ppm or 0.001%.

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| PESTICIDES | | Date Tested: 10/08/2020 Operator: Jennifer Hay |
|---------------------|---------------|---|
| ANALYTE | RESULTS (PPM) | |
| Abamectin | ND | |
| Acephate | ND | |
| Acequinocyl | ND | |
| Acetamiprid | ND | |
| Aldicarb | ND | |
| Azoxystrobin | ND | |
| Bifenazate | ND | |
| Bifenthrin | ND | |
| Boscalid | ND | |
| Carbaryl | ND | |
| Carbofuran | ND | |
| Chlorantraniliprole | ND | |
| Chlorfenapyr | ND | |
| Chlorpyrifos | ND | |
| Clofentezine | ND | |
| Daminozide | ND | |
| Diazinon | ND | |
| Dichlorvos | ND | |
| Dimethoate | ND | |
| Ethoprophos | ND | |
| Piperonyl butoxide | ND | |
| Etofenprox | ND | |
| Etoxazole | ND | |
| Pyridaben | ND | |
| Fenpyroximate | ND | |
| Fenoxycarb | ND | |
| Spiromesifen | ND | |
| Fipronil | ND | |

| PESTICIDES | | Date Tested: 10/08/2020 Operator: Jennifer Hay |
|-----------------|---------------|---|
| ANALYTE | RESULTS (PPM) | |
| Flonicamid | ND | |
| Spirotetramat | ND | |
| Fludioxonil | ND | |
| Imazalil | ND | |
| Tebuconazole | ND | |
| Imidacloprid | ND | |
| Kresoxim-methyl | ND | |
| Thiamethoxam | ND | |
| Malathion | ND | |
| Metalaxyl | ND | |
| Trifloxystrobin | ND | |
| Methiocarb | ND | |
| Prallethrin | ND | |
| Methomyl | ND | |
| MGK-264 | ND | |
| Spinosyn A | ND | |
| Myclobutanil | ND | |
| Propiconazole | ND | |
| Naled | ND | |
| Oxamyl | ND | |
| Paclobutrazol | ND | |
| Spinosyn D | ND | |
| Propoxur | ND | |
| Spiroxamine | ND | |
| Thiacloprid | ND | |
| Pyrethrin I | ND | |

The sample was analyzed for pesticides using LiquidChromatography with Mass Spectrometric detection (LC-MS/MS).The LOQ for the method is 25ppb.





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| HEAVY METALS | | Date Tested: 10/09/2020 |
|---------------------|----------------------|--------------------------------|
| | | Operator: Jennifer Hay |
| ANALYTE | RESULTS (PPM) | |
| Inorganic Arsenic | 0.03 | |
| Cadmium | 0.07 | |
| Lead | 0.08 | |
| Methyl Mercury | ND | |

The sample was analyzed for heavy metals in Inductively Coupled Plasma Mass Spectrometry (ICP-MS). The LOQ for arsenic is 0.75ppb; cadmium is 0.25ppb; mercury is 0.15ppb; and lead is 0.25ppb.

| MYCOTOXINS | | Date Tested: 10/08/2020 |
|-------------------|----------------------|--------------------------------|
| | | Operator: Jennifer Hay |
| ANALYTE | RESULTS (PPB) | |
| Ochratoxin A | ND | |
| Aflatoxin B1 | ND | |
| Aflatoxin B2 | ND | |
| Aflatoxin G1 | ND | |
| Aflatoxin G2 | ND | |

The sample was analyzed for mycotoxins using Liquid Chromatography with Mass Spectrometric detection (LC-MS/MS). The LOQ for the method is 25ppb.

| MICROBIOLOGICAL IMPURITY | | Date Tested: 10/08/2020 |
|-------------------------------------|-----------------------|--------------------------------|
| | | Operator: Shawn Manns |
| Microbe | CFU/g | |
| Total Aerobic Microbial Count(TAMC) | 0.0 | |
| Total Yeast and Mold Count(TYMC) | 0.0 | |
| Microbe | Present/Absent | |
| E. COLI | Absent | |
| Salmonella | Absent | |

ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantification

PPM = Parts per Million = mg/kg, PPB = Parts per Billion = ug/kg, CFU/g = Colony Forming Units per gram

Results below the LOQ are reported as ND.

Testing results are based solely on the sample submitted to ECC Test Lab in the condition it was received. This product has been tested by ECC Test Lab using valid testing methodologies. Values reported relating only to the product tested. ECC Test Lab makes no claims as to the efficacy, safety, or other risks with any detected or non-detected levels of any compound reported herein. This Certificate of Analysis shall not be reproduced except in full without the express written consent of the ECC Test Lab.





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Prepared By:

Shawn Manns, Lab Manager

Approved By:

Rebecca Hobden, CEO & Founder

Appalachian Growers

