

# Certificate of Analysis

**SAMPLE: 750 mg/120mL**

**Harvest/Lot ID: 7870**

Seed to Sale #N/A

**Sample Size: 10.5 ml**

**Ordered : 10/22**

**Sampled : 10/22**

**Completed: 10/30 Expires: 10/30/2021**

**Sampling Method: SOP Client Method**

Oct 30, 2020 | BluLeaf Naturals

838 E. High Street #202 Lexington  
Kentucky



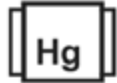
**EVIOLABS**

**PASSED**

**SAFETY RESULTS**



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

**MISC.**

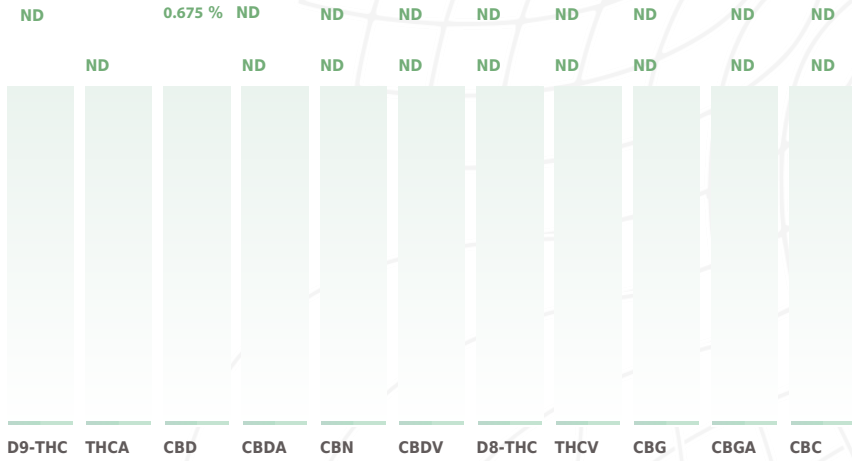
**CANNABINOID RESULTS**



**Total THC**  
**ND**



**Total CBD**  
**6.75mg/mL**



**Cannabinoid Profile Test**

|  |                        |   |
|--|------------------------|---|
| <b>Analyst</b><br>64                                 | <b>Weight</b><br>3.22g | <b>Extracted By :</b><br>574                          |
| <b>Analysis Method -SOP.T.40.020, SOP.T.30.050</b>   |                        |   |
| <b>Analytical Batch -DA007492</b>                    |                        |   |
| <b>Reagent</b>                                       | <b>Dilution</b>        | <b>Consums. ID</b>                                    |
| 102819.R21<br>102819.R17<br>102419.R05<br>102419.R04 | 400                    | 76124-662<br>SFN-BX-1025<br>849C4-849AK<br>840C6-840H |

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 # n/a  
ISO Accreditation # 97164



Signature

# Certificate of Analysis

**PASSED**

BluLeaf Naturals

 838 E. High Street #202 Lexington  
 Kentucky


Sample Method : SOP Client Method



**Pesticides**

**PASSED**

| Pesticides          | LOQ   | Action Level | Units | Result | Pesticides            | LOQ   | Action Level | Units | Result |
|---------------------|-------|--------------|-------|--------|-----------------------|-------|--------------|-------|--------|
| CHLORDANE           | 0.010 | 0.1          | ppm   | ND     | METHIOCARB            | 0.010 | 0.05         | ppm   | ND     |
| CAPTAN              | 0.100 | 0.7          | ppm   | ND     | METHOMYL              | 0.010 | 0.1          | ppm   | ND     |
| DIMETHOATE          | 0.010 | 0.1          | ppm   | ND     | DIAZANON              | 0.010 | 0.1          | ppm   | ND     |
| ABAMECTIN B1A       | 0.020 | 0.1          | ppm   | ND     | MEVINPHOS             | 0.010 | 0.1          | ppm   | ND     |
| CIS-PERMETHRIN      | 0.050 | 0.1          | ppm   | ND     | MYCLOBUTANIL          | 0.010 | 0.1          | ppm   | ND     |
| SPINETORAM          | 0.010 |              | PPM   | ND     | NALED                 | 0.010 | 0.25         | ppm   | ND     |
| ACEPHATE            | 0.010 | 0.1          | ppm   | ND     | OXAMYL                | 0.010 | 0.5          | ppm   | ND     |
| DIMETHOMORPH        | 0.005 | 0.2          | ppm   | ND     | PACLOBUTRAZOL         | 0.010 | 0.1          | ppm   | ND     |
| ETHOPROPHOS         | 0.010 | 0.1          | ppm   | ND     | TRANS-PERMETHRIN      | 0.050 | 0.1          | ppm   | ND     |
| ACEQUINOCYL         | 0.050 | 0.1          | ppm   | ND     | PHOSMET               | 0.010 | 0.1          | ppm   | ND     |
| ACETAMIPRID         | 0.010 | 0.1          | ppm   | ND     | PIPERONYL BUTOXIDE    | 0.010 | 3            | ppm   | ND     |
| ETOXENPROX          | 0.010 | 0.1          | ppm   | ND     | PRALLETHRIN           | 0.050 | 0.1          | ppm   | ND     |
| ALDICARB            | 0.020 | 0.1          | ppm   | ND     | PROPICONAZOLE         | 0.010 | 0.1          | ppm   | ND     |
| ETOXAZOLE           | 0.010 | 0.1          | ppm   | ND     | PROPOXUR              | 0.010 | 0.1          | ppm   | ND     |
| AZOXYSTROBIN        | 0.010 | 0.01         | ppm   | ND     | PYRETHRIN I           | 0.010 | 0.5          | ppm   | ND     |
| FENHEXAMID          | 0.010 | 0.1          | ppm   | ND     | PYRIDABEN             | 0.010 | 0.2          | ppm   | ND     |
| BIFENAZATE          | 0.010 | 0.1          | ppm   | ND     | SPINOSAD (SPINOSYN A) | 0.010 | 0.1          | ppm   | ND     |
| FENOXYCARB          | 0.010 | 0.1          | ppm   | ND     | SPINOSAD (SPINOSYN D) | 0.010 | 0.1          | ppm   | ND     |
| FENPYROXIMATE       | 0.010 | 0.1          | ppm   | ND     | SPIROMESIFEN          | 0.010 | 0.1          | ppm   | ND     |
| BIFENTHRIN          | 0.010 | 0.1          | ppm   | ND     | SPIROTETRAMAT         | 0.020 | 0.1          | ppm   | ND     |
| CARBARYL            | 0.010 | 0.5          | ppm   | ND     | SPIROXAMINE           | 0.010 | 0.1          | ppm   | ND     |
| FIPRONIL            | 0.020 | 0.1          | ppm   | ND     | TEBUCONAZOLE          | 0.010 | 0.1          | ppm   | ND     |
| FLONICAMID          | 0.010 | 0.1          | ppm   | ND     | THIACLOPRID           | 0.010 | 0.1          | ppm   | ND     |
| CARBOFURAN          | 0.010 | 0.1          | ppm   | ND     | THIAMETHOXAM          | 0.010 | 0.5          | ppm   | ND     |
| CHLORANTRANILIPROLE | 0.010 | 1            | ppm   | ND     | TRIFLOXYSTROBIN       | 0.010 | 0.1          | ppm   | ND     |
| FLUDIOXONIL         | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| HEXYTHIAZOX         | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| CHLORFENAPYR        | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| IMAZALIL            | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| CHLORPYRIFOS        | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| IMIDACLOPRID        | 0.010 | 0.4          | ppm   | ND     |                       |       |              |       |        |
| CLOFENTEZINE        | 0.010 | 0.2          | ppm   | ND     |                       |       |              |       |        |
| KRESOXIM-METHYL     | 0.010 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| COUMAPHOS           | 0.005 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| MALATHION           | 0.010 | 0.2          | ppm   | ND     |                       |       |              |       |        |
| CYPERMETHRIN        | 0.020 | 0.5          | ppm   | ND     |                       |       |              |       |        |
| DAMINOZIDE          | 0.020 | 0.1          | ppm   | ND     |                       |       |              |       |        |
| METALAXYL           | 0.010 | 0.02         | ppm   | ND     |                       |       |              |       |        |
| DICHLORVOS          | 0.050 | 0.1          | ppm   | ND     |                       |       |              |       |        |



**Pesticides**

**PASSED**

|   |                   |                        |
|---|-------------------|------------------------|
| Analyst<br>585                              | Weight<br>1.0278g | Extracted By :<br>1082 |
| Analysis Method -SOP.T.30.065, SOP.T.40.065 |                   |                        |
| Analytical Batch - DA007504                 |                   |                        |
| Reagent                                     | Dilution          | Consums. ID            |
|   | 10                |                        |

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**Jorge Segredo**  
 Lab Director  
 State License # n/a  
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 \_\_\_\_\_  
 Signature



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**PASSED**

BluLeaf Naturals

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 Kentucky

Sample Method : SOP Client Method


**Residual Solvents**
PASSED

**Residual Solvents**
PASSED

| SOLVENT              | ACTION LEVEL (PPM) | PASS/FAIL | RESULT |
|----------------------|--------------------|-----------|--------|
| PROPANE              | 2100               | PASS      | ND     |
| BUTANES (N-BUTANE)   | 2000               | PASS      | ND     |
| ETHYLENE OXIDE       | 5                  | PASS      | ND     |
| METHANOL             | 250                | PASS      | ND     |
| ETHANOL              | 5000               | PASS      | ND     |
| PENTANES (N-PENTANE) | 750                | PASS      | ND     |
| ETHYL ETHER          | 500                | PASS      | ND     |
| ACETONE              | 750                | PASS      | ND     |
| 2-PROPANOL           | 500                | PASS      | ND     |
| ACETONITRILE         | 60                 | PASS      | ND     |
| METHYLENE CHLORIDE   | 125                | PASS      | ND     |
| N-HEXANE             | 250                | PASS      | ND     |
| ETHYL ACETATE        | 400                | PASS      | ND     |
| BENZENE              | 1                  | PASS      | ND     |
| HEPTANE              | 500                | PASS      | ND     |
| TOLUENE              | 150                | PASS      | ND     |
| CHLOROFORM           | 2                  | PASS      | ND     |
| 1,2-DICHLOROETHANE   | 2                  | PASS      | ND     |
| TRICHLOROETHYLENE    | 25                 | PASS      | ND     |
| 1,1-DICHLOROETHENE   | 8                  | PASS      | ND     |
| TOTAL XYLENES        | 150                | PASS      | ND     |

|                       |                          |                              |
|-----------------------|--------------------------|------------------------------|
| <b>Analyst</b><br>850 | <b>Weight</b><br>0.0250g | <b>Extracted By :</b><br>850 |
|-----------------------|--------------------------|------------------------------|

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA007517**

| 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 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

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**PASSED**

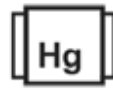
BluLeaf Naturals

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 Kentucky

Sample Method : SOP Client Method



**Mycotoxins**
PASSED



**Heavy Metals**
PASSED

| Analyte          | Result | Action Level |
|------------------|--------|--------------|
| AFLATOXIN G2     | ND     |              |
| AFLATOXIN G1     | ND     |              |
| AFLATOXIN B2     | ND     |              |
| AFLATOXIN B1     | ND     |              |
| OCHRATOXIN A+    | ND     | 0.02         |
| TOTAL AFLATOXINS | 0.000  | 0.02         |

 Analysis Method -SOP.T.30.065, SOP.T.40.065  
 Analytical Batch -DA007505

| Reagent    | Dilution | Consums. ID |
|------------|----------|-------------|
| 102819.R04 | 50       |             |
| 100919.R02 |          |             |
| 102119.R02 |          |             |
| 102119.R03 |          |             |
| 052419.01  |          |             |



**Microbials**
PASSED

| Analyte                       |
|-------------------------------|
| ASPERGILLUS_FLAVUS            |
| ASPERGILLUS_FUMIGATUS         |
| ASPERGILLUS_NIGER             |
| ASPERGILLUS_TERREUS           |
| ESCHERICHIA_COLI_SHIGELLA_SPP |
| SALMONELLA_SPECIFIC_GENE      |

| Result                 |
|------------------------|
| not present in 1 gram. |
| not present in 1 gram. |
| not present in 1 gram. |
| not present in 1 gram. |
| not present in 1 gram. |
| not present in 1 gram. |

| Metal   | Result | Action Level |
|---------|--------|--------------|
| ARSENIC | ND     | 0.2          |
| CADMIUM | ND     | 0.2          |
| LEAD    | ND     | 0.5          |
| MERCURY | ND     | 0.1          |

 Analysis Method -SOP.T.40.050, SOP.T.30.052  
 Analytical Batch -DA007487

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.

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 Lab Director

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