



Certification of Analysis

Legend: NR = Not Reported | ND = Not Detected | <LOD = Below Lod | NT = Not Tested | LOD = Limit of Detection
 LOQ = Limit of Quantification | DET = Detected below quantitation limit | CFU/g = Colony Forming Units per 1 gram
 TNTC = Too Numerous to Count | mg/g Milligrams per gram | ppm = Parts per million | ATL = Action Threshold Limit

CBD CAPSULES

Wildflower | Bellingham, Washington

Testing by Medicine Creek Analytics | Fife, WA

Date received Nov 04, 2019

Date reported Nov 12, 2019

SUMMARY

| | |
|----------------|------------|
| Laboratory ID | 191104-006 |
| QUALITY STATUS | PASS |



CANNABINOID PROFILE ANALYSIS

ANALYZED Nov 12, 2019

| INSTRUMENT LC2040

| PARAMETER | LOD % | LOQ % | Result % | Result mg/g |
|--|-------|-------|----------|-------------|
| Cannabidiol (CBD) | 0.003 | 0.01 | 6.19 | 61.89 |
| Cannabidiol (CBDV) | 0.003 | 0.01 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.003 | 0.01 | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.003 | 0.01 | ND | ND |
| Cannabigerol Acid (CBGA) | 0.003 | 0.01 | ND | ND |
| Cannabinol (CBN) | 0.003 | 0.01 | ND | ND |
| delta-9-Tetrahydrocannabinol (THC) | 0.003 | 0.01 | ND | ND |
| delta-8-Tetrahydrocannabinol (delta-8-THC) | 0.003 | 0.01 | ND | ND |
| Cannabichromene (CBC) | 0.003 | 0.01 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.003 | 0.01 | ND | ND |

CANNABINOID SUMMARY

| | mg/g | TOTAL mg |
|--------------------------------|-------|----------|
| TOTAL THC (THCA * 0.877 + THC) | 0 | 0 |
| TOTAL CBD (CBDA * 0.877 + CBD) | 61.89 | 38.4 |

RESIDUAL SOLVENTS TESTING ANALYSIS

ANALYZED Nov 08, 2019

| INSTRUMENT HS-GC-FID

| ANALYTE | RESULT PPM | ATL PPM |
|-----------------|------------|---------|
| Propane | ND | 5000 |
| n-Butane | ND | 5000 |
| n-Pentane | ND | 5000 |
| Ethyl Ether | ND | 5000 |
| 2-Propanol | ND | 5000 |
| Dichloromethane | ND | 600 |
| Ethyl Acetate | ND | 5000 |
| Cyclohexane | ND | 3880 |
| n-Heptane | ND | 5000 |
| Xylene | ND | 2170 |
| Isobutane | ND | 5000 |
| Methanol | ND | 3000 |
| Ethanol | ND | - |
| Acetone | ND | 5000 |
| Acetonitrile | ND | 50 |
| n-Hexane | ND | 290 |
| Chloroform | ND | 2 |
| Benzene | ND | 2 |
| Toluene | ND | 890 |

| ANALYTE | LOD PPM | LOQ PPM | Result PPM | ATL PPM |
|---------------------|---------|---------|------------|---------|
| 3-Hydroxycarbofuran | 0.075 | 0.25 | <LOD | 0.2 |
| Acephate | 0.1 | 0.3 | <LOD | 0.4 |
| Aldicarb Sulfone | 0.05 | 0.2 | <LOD | 0.4 |
| Aminocarb | 0.033 | 0.1 | <LOD | 0.1 |
| Benalaxyl | 0.05 | 0.15 | <LOD | 0.1 |
| Bifenazate | 0.05 | 0.2 | <LOD | 0.2 |
| Butafenacil | 0.05 | 0.15 | <LOD | 0.1 |
| Carbetamide | 0.05 | 0.15 | <LOD | 0.1 |
| Carboxin | 0.05 | 0.15 | <LOD | 0.1 |
| Chlorantraniliprole | 0.075 | 0.25 | <LOD | 0.2 |
| Chloroxuron | 0.05 | 0.15 | <LOD | 0.1 |
| Clofentezine | - | - | <LOD | 0.2 |
| Cyazofamid | 0.05 | 0.15 | <LOD | 0.1 |
| Diazinon | 0.05 | 0.2 | <LOD | 0.2 |
| Diethofencarb | 0.05 | 0.15 | <LOD | 0.1 |
| Dimethomorph | 0.05 | 0.2 | <LOD | 0.1 |
| Diuron | 0.1 | 0.3 | <LOD | 0.1 |
| Ethiofencarb | 0.075 | 0.25 | <LOD | 0.1 |
| Etofenprox | 0.04 | 0.125 | <LOD | 0.4 |
| Fenamidone | 0.05 | 0.15 | <LOD | 0.1 |
| Fenoxycarb | 0.05 | 0.2 | <LOD | 0.2 |
| Fenuron | 0.033 | 0.1 | <LOD | 0.1 |
| Fonicamid | - | - | <LOD | 1 |
| Fludioxonil | - | - | <LOD | 0.4 |
| Fluometuron | 0.05 | 0.2 | <LOD | 0.1 |
| Fuberidazole | 0.033 | 0.1 | <LOD | 0.1 |
| Furathiocarb | 0.05 | 0.2 | <LOD | 0.1 |
| Imazalil | 0.1 | 0.4 | <LOD | 0.2 |
| Indoxacarb | 0.05 | 0.2 | <LOD | 0.1 |
| Isoprocarb | 0.05 | 0.2 | <LOD | 0.1 |
| Kresoxym-methyl | 0.05 | 0.15 | <LOD | 0.4 |
| Mandipropamid | 0.05 | 0.2 | <LOD | 0.1 |
| Metalaxyl | 0.05 | 0.15 | <LOD | 0.2 |
| Methamidophos | 0.033 | 0.1 | <LOD | 0.1 |
| Methomyl | 0.05 | 0.2 | <LOD | 0.4 |
| Methoxyfenozide | 0.05 | 0.15 | <LOD | 0.1 |
| Monocrotophos | - | - | <LOD | 0.1 |
| Nitenpyram | 0.05 | 0.2 | <LOD | 0.1 |
| Oxadixyl | 0.05 | 0.2 | <LOD | 0.1 |
| Paclobutrazol | 0.05 | 0.2 | <LOD | 0.4 |
| Phosmet | 0.05 | 0.2 | <LOD | 0.2 |
| Piperonyl Butoxide | 0.05 | 0.15 | <LOD | 2 |
| Prometon | 0.05 | 0.15 | <LOD | 0.1 |
| Propargite | 0.04 | 0.125 | <LOD | 0.1 |
| Pymetrozine | 0.05 | 0.2 | <LOD | 0.1 |
| Pyraclostrobin | 0.05 | 0.15 | <LOD | 0.1 |
| Pyrethrin II | - | - | <LOD | 1 |
| Pyriproxyfen | 0.05 | 0.15 | <LOD | 0.1 |
| Rotenone | 0.05 | 0.2 | <LOD | 0.1 |
| Spinosad D | 0.05 | 0.2 | <LOD | 0.2 |

| ANALYTE | LOD PPM | LOQ PPM | Result PPM | ATL PPM |
|---------------------|---------|---------|------------|---------|
| Abamectin B1a | 0.15 | 0.45 | <LOD | 0.5 |
| Acetamidrid | 0.033 | 0.1 | <LOD | 0.2 |
| Aldicarb | 0.075 | 0.25 | <LOD | 0.4 |
| Azoxystrobin | 0.05 | 0.2 | <LOD | 0.2 |
| Bifenthrin | 0.05 | 0.2 | <LOD | 0.2 |
| Boscalid | - | - | <LOD | 0.4 |
| Carbaryl | 0.05 | 0.2 | <LOD | 0.2 |
| Carbofuran | 0.05 | 0.15 | <LOD | 0.2 |
| Carfentrazone-ethyl | 0.05 | 0.2 | <LOD | 0.1 |
| Chlorotoluron | 0.05 | 0.2 | <LOD | 0.1 |
| Chlorpyrifos | 0.075 | 0.25 | <LOD | 0.2 |
| Clothianidin | 0.05 | 0.15 | <LOD | 0.1 |
| Cycluron | 0.05 | 0.15 | <LOD | 0.1 |
| Dicrotophos | 0.05 | 0.15 | <LOD | 0.1 |
| Dimethoate | 0.05 | 0.2 | <LOD | 0.2 |
| Dimoxystrobin | 0.05 | 0.15 | <LOD | 0.1 |
| Epoxiconazole | 0.075 | 0.25 | <LOD | 0.1 |
| Ethoprophos | 0.1 | 0.4 | <LOD | 0.2 |
| Etoxazole | 0.05 | 0.2 | <LOD | 0.2 |
| Fenazaquin | 0.05 | 0.2 | <LOD | 0.1 |
| Fenpyroximate | 0.04 | 0.125 | <LOD | 0.4 |
| Fipronil | 0.1 | 0.3 | <LOD | 0.4 |
| Fluazinam | 0.075 | 0.25 | <LOD | 0.1 |
| Flufenacet | 0.05 | 0.2 | <LOD | 0.1 |
| Flutolanil | 0.05 | 0.2 | <LOD | 0.1 |
| Furalaxyl | 0.05 | 0.15 | <LOD | 0.1 |
| Hexythiazox | 0.05 | 0.2 | <LOD | 1 |
| Imidacloprid | 0.05 | 0.2 | <LOD | 0.4 |
| Iprovalicarb | 0.05 | 0.2 | <LOD | 0.1 |
| Isoproturon | 0.05 | 0.15 | <LOD | 0.1 |
| Malathion | 0.05 | 0.2 | <LOD | 0.2 |
| Mefenacet | 0.05 | 0.15 | <LOD | 0.1 |
| Methabenzthiazuron | 0.05 | 0.15 | <LOD | 0.1 |
| Methiocarb | - | - | <LOD | 0.2 |
| Methoprotryne | 0.05 | 0.2 | <LOD | 0.1 |
| Mexacarbate | 0.033 | 0.1 | <LOD | 0.1 |
| Myclobutanil | 0.075 | 0.25 | <LOD | 0.2 |
| Omethoate | 0.05 | 0.2 | <LOD | 0.1 |
| Oxamyl | 0.033 | 0.1 | <LOD | 1 |
| Permethrin | 0.05 | 0.2 | <LOD | 0.2 |
| Picoxystrobin | 0.05 | 0.2 | <LOD | 0.1 |
| Pirimicarb | 0.05 | 0.15 | <LOD | 0.1 |
| Propamocarb | 0.04 | 0.125 | <LOD | 0.1 |
| Propoxur | 0.04 | 0.125 | <LOD | 0.2 |
| Pyracarbolid | 0.04 | 0.125 | <LOD | 0.1 |
| Pyrethrin | - | - | <LOD | 1 |
| Pyridaben | 0.05 | 0.2 | <LOD | 0.2 |
| Quinoxifen | 0.033 | 0.1 | <LOD | 0.1 |
| Spinosad A | 0.05 | 0.2 | <LOD | 0.2 |
| Spiromesifen | 0.04 | 0.125 | <LOD | 0.2 |

| | | | | |
|--------------------|-------|-------|------|-----|
| Spirotetramat | 0.05 | 0.2 | <LOD | 0.2 |
| Tebuconazole | 0.05 | 0.2 | <LOD | 0.4 |
| Tebuthiuron | 0.04 | 0.125 | <LOD | 0.1 |
| Thiamethoxam | 0.05 | 0.2 | <LOD | 0.2 |
| Thiophanate-Methyl | 0.05 | 0.15 | <LOD | 0.1 |
| Trifloxystrobin | 0.04 | 0.125 | <LOD | 0.2 |
| Uniconazole | 0.075 | 0.25 | <LOD | 0.5 |
| Zoxamide | 0.05 | 0.2 | <LOD | 0.1 |

| | | | | |
|--------------|-------|------|------|-----|
| Spiroxamine | 0.05 | 0.15 | <LOD | 0.4 |
| Tebufenozide | 0.05 | 0.15 | <LOD | 0.1 |
| Thiacloprid | 0.05 | 0.15 | <LOD | 0.2 |
| Thiobencarb | 0.05 | 0.2 | <LOD | 0.1 |
| Tricyclazole | 0.05 | 0.15 | <LOD | 0.1 |
| Triflumizole | 0.05 | 0.15 | <LOD | 0.1 |
| Vamidothion | 0.033 | 0.1 | <LOD | 0.1 |

HEAVY METAL ANALYSIS

ANALYZED Nov 07, 2019

| INSTRUMENT LC2040

| ANALYTE | LOD ug/5g | LOQ ug/5g | Result ug/5g | ATL ug/5g |
|--------------|--------------|--------------|-----------------|--------------|
| Arsenic (As) | 0.02 | 0.06 | ND | 10 |
| Lead (Pb) | 0.01 | 0.02 | ND | 6 |
| Cadmium (Cd) | 0.01 | 0.04 | ND | 4.1 |
| Mercury (Hg) | 0.02 | 0.07 | ND | 2 |

MIB - MICROBIAL TESTING ANALYSIS

ANALYZED Nov 06, 2019

| INSTRUMENT Plated

| ANALYTE | LOD CFU/g | LOQ CFU/g | Result CFU/g | ATL CFU/g |
|-----------------------|--------------|--------------|-----------------|--------------|
| Aerobic | 100 | - | NT | - |
| Coliform | 100 | - | NT | - |
| E.Coli | | - | ND | ND / 1 g |
| Yeast and Mold | 100 | - | NT | - |
| Bile Tolerantgram neg | 100 | - | ND | 10000 |
| Salmonella | 100 | - | ND | ND / 1 g |

This report was reviewed and approved by



3rd-Party lab tests provided by Medicine Creek Analytics. Testing is conducted in an ISO 17025-certified lab facility. Testing methods and parameter limits used are certified by the Washington State Liquor and Cannabis Board (WSLCB). Test results and this corresponding quality assurance report has been reviewed by Wildflower's Quality Manager. This product contains less than 0.03% THC and passed safety tests for microbiological contamination, and residual solvents