



## 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

### COOL STICK 1 OZ

Wildflower | Bellingham, Washington

Testing by Medicine Creek Analytics | Fife, WA

Date received Oct 09, 2019

Date reported Oct 17, 2019



### SUMMARY

|                |             |
|----------------|-------------|
| Laboratory ID  | 1910009-007 |
| QUALITY STATUS | PASS        |

### CANNABINOID PROFILE ANALYSIS

ANALYZED Oct 14, 2019

| INSTRUMENT LC2040

| PARAMETER                                  | LOD % | LOQ % | Result % | Result mg/g |
|--|-------|-------|----------|-------------|
| Cannabidiol (CBD)                          | 0.003 | 0.01  | ND       | ND          |
| Tetrahydrocannabinol (THC)                 | 0.003 | 0.01  | ND       | ND          |
| Cannabidiol (CBD)                          | 0.003 | 0.01  | 0.43     | 4.29        |
| 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

| CANNABINOID SUMMARY            | mg/g | TOTAL mg |
|--------------------------------|------|----------|
| TOTAL THC (THCA * 0.877 + THC) | 0    | 0        |
| TOTAL CBD (CBDA * 0.877 + CBD) | 4.29 | 121.62   |

### RESIDUAL SOLVENTS TESTING ANALYSIS

ANALYZED Oct 15, 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     |

**PES - Pesticides Screening Analysis**

ANALYZED Oct 17, 2019

| INSTRUMENT LCMS 8050

| 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     |
| Fenamidon           | 0.05    | 0.15    | <LOD       | 0.1     |
| Fenoxycarb          | 0.05    | 0.2     | <LOD       | 0.2     |
| Fenuron             | 0.033   | 0.1     | <LOD       | 0.1     |
| Flonicamid          | -       | -       | <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   | DET        | 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     |

| 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     |

|                    |       |       |      |     |
|--------------------|-------|-------|------|-----|
| Spinosad D         | 0.05  | 0.2   | <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 |

|              |       |       |      |     |
|--------------|-------|-------|------|-----|
| Spiromesifen | 0.04  | 0.125 | <LOD | 0.2 |
| 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 |
| Vamidotion   | 0.033 | 0.1   | <LOD | 0.1 |

**HEAVY METAL ANALYSIS**

ANALYZED Oct 15, 2019

| INSTRUMENT LC2040

| ANALYTE      | LOD<br>ug/5g | LOQ<br>ug/5g | Result<br>ug/5g | ATL<br>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 Oct 16, 2019

| INSTRUMENT Plated

| ANALYTE               | LOD<br>CFU/g | LOQ<br>CFU/g | Result<br>CFU/g | ATL<br>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