



# Confidence Analytics®

## Cannabis Analytical Chemistry Laboratory

WSLCB Certification # 0003 | 14797 NE 95th St, Redmond, WA 98052 | 206.743.8843 | info@conflabs.com



### Origin

Skagit Organics  
16915 Sr 20  
Mount Vernon, Wa 98273  
License #: 412843

Parent Batch ID:  
17371108595542406

Origin Sample ID:  
17371108595542406

### Sample Demographics

Sample Name:  
Bulk CBD Original - Harlequin - Sativa - DOH+

Product Type:  
EHO

Matrix Type:  
CONC

Category: End Product  
Ethanol Concentrate

Lab Sample ID: WA-250625-040

Date of Collection: Unknown  
Serving / Package Wt: N/A / N/A

Date of Receipt: 2025-06-24  
Sample Size: 1 unit

Date of Completion: 2025-06-26  
Batch Pass/Fail: **✓ PASS**

### Cannabinoid Analysis - summary

Total d9-THC: 14% 140mg/g

Total CBD: 49% 490mg/g

Total Cannabinoids: 74%

### Terpene Analysis - summary

Total Terpenes: 2.2 %

Top Three:

Caryophyllene: 0.44 %

Guaiol: 0.39 %

Bisabolol: 0.36 %

### Safety Analysis - summary

Foreign Matter  
NT

Heavy Metals  
✓ PASS

Microbial  
NT

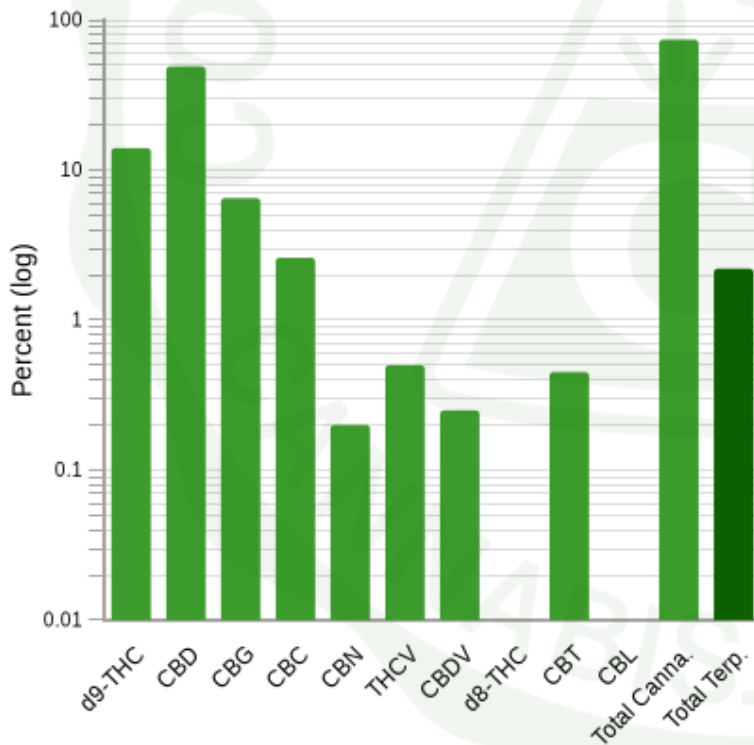
Mycotoxins  
✓ PASS

Pesticides  
✓ PASS

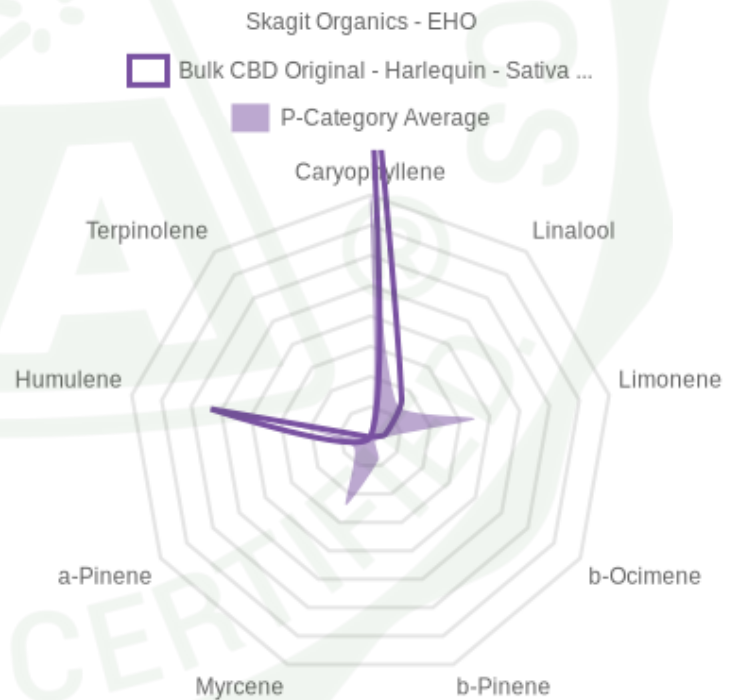
Solvents  
✓ PASS

Water Activity  
NT

### Cannabinoid Profile



### Strain Compass



Visit [StrainDataProject.org](https://StrainDataProject.org) to learn more



# Certificate of Analysis

**Batch #:** 17371108595542406, **ID:** WA-250625-040,

**Sample Name:** Bulk CBD Original - Harlequin - Sativa - DOH+, **Type:** EHO,

**Origin:** Skagit Organics (License No.: 412843)

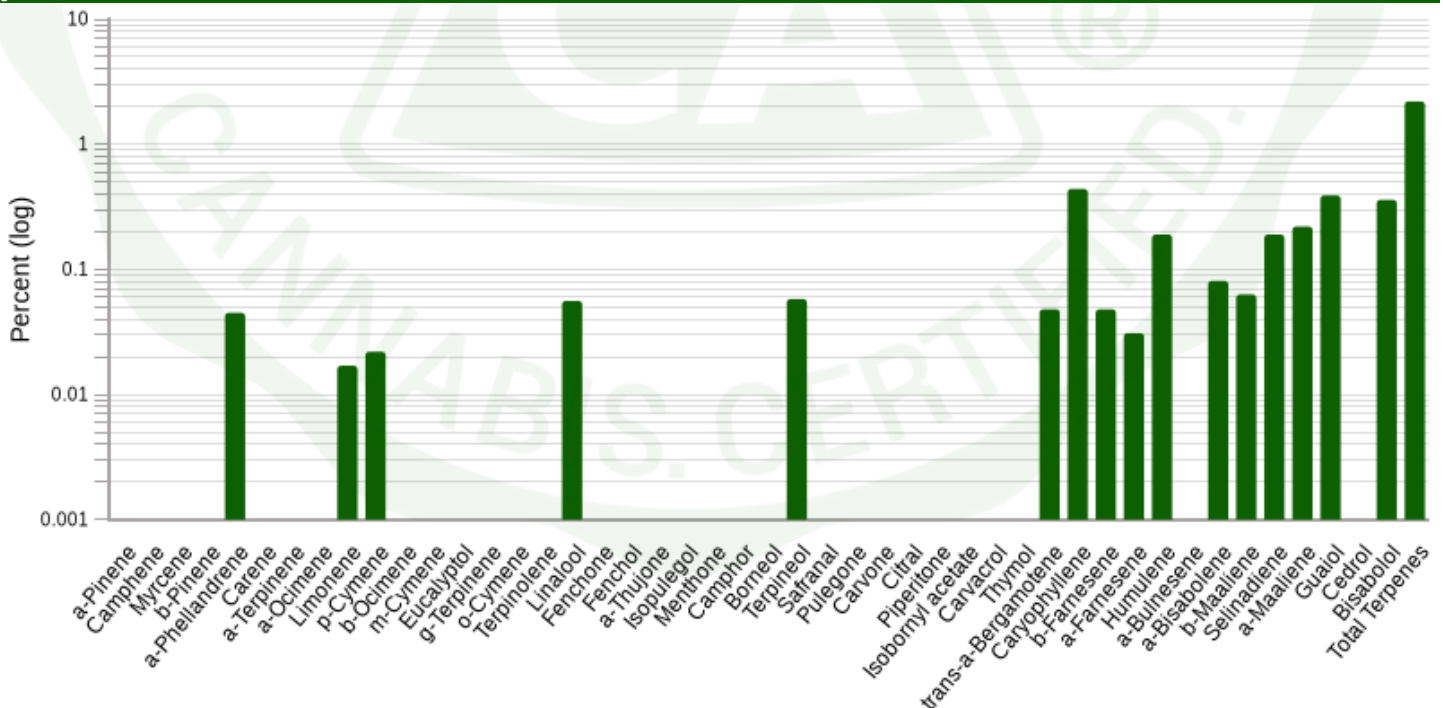


## Cannabinoids - Potency

2025-06-26

| Analyte Name       | %    | mg/g | mg/serving | mg/package | LoD/LoQ (%)   |
|--------------------|------|------|------------|------------|---------------|
| Total Cannabinoids | 74   | 740  | N/A        | N/A        | N/A / N/A     |
| Total THC          | 14   | 140  | N/A        | N/A        | N/A / N/A     |
| Total CBD          | 49   | 490  | N/A        | N/A        | N/A / N/A     |
| d9-thc             | 14   | 140  | N/A        | N/A        | 0.061 / 0.061 |
| d9-thca            | ND   | ND   | N/A        | N/A        | 0.061 / 0.061 |
| cbd                | 49   | 490  | N/A        | N/A        | 0.061 / 0.061 |
| cbda               | ND   | ND   | N/A        | N/A        | 0.061 / 0.061 |
| cbc                | 2.6  | 26   | N/A        | N/A        | 0.061 / 0.12  |
| cbca               | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| cbdV               | 0.25 | 2.5  | N/A        | N/A        | 0.061 / 0.12  |
| cbdva              | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| cbg                | 6.5  | 65   | N/A        | N/A        | 0.061 / 0.12  |
| cbga               | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| cbl                | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| cbn                | 0.2  | 2    | N/A        | N/A        | 0.061 / 0.12  |
| cbna               | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| cbt                | 0.45 | 4.5  | N/A        | N/A        | 0.061 / 0.12  |
| d8-thc             | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |
| d9-thcv            | 0.5  | 5    | N/A        | N/A        | 0.061 / 0.12  |
| d9-thcva           | ND   | ND   | N/A        | N/A        | 0.061 / 0.12  |

## Terpene Profile





## Certificate of Analysis

Batch #: 17371108595542406, ID: WA-250625-040,

Sample Name: Bulk CBD Original - Harlequin - Sativa - DOH+, Type: EHO,

Origin: Skagit Organics (License No.: 412843)

Terpenes<sup>3</sup>

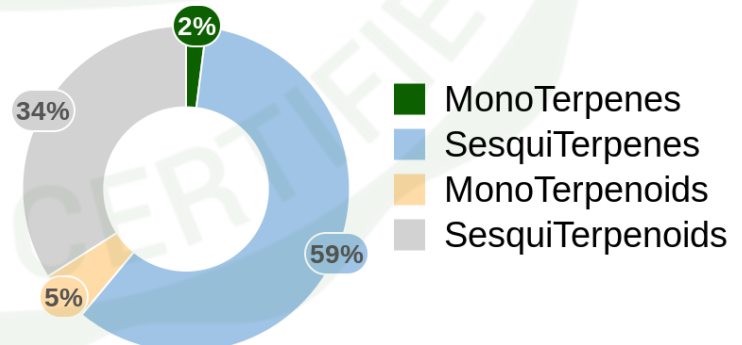
2025-06-26

| Analyte Name              | Result (ppm) | Iod/loq (ppm) |      |
|---------------------------|--------------|---------------|------|
| a-bisabolene <sup>2</sup> | 810          | 120 / 240     | PASS |
| a-bulnesene <sup>2</sup>  | ND           | 120 / 240     | PASS |
| a-farnesene <sup>2</sup>  | 310          | 120 / 240     | PASS |
| a-maaliene <sup>2</sup>   | 2200         | 120 / 240     | PASS |
| a-ocimene                 | ND           | 120 / 240     | PASS |
| a-phellandrene            | 450          | 120 / 240     | PASS |
| a-pinene                  | ND           | 120 / 240     | PASS |
| a-terpinene               | ND           | 120 / 240     | PASS |
| a-thujone                 | ND           | 120 / 240     | PASS |
| b-farnesene               | <LOQ         | 240 / 490     | PASS |
| b-maaliene <sup>2</sup>   | 630          | 120 / 240     | PASS |
| b-ocimene                 | ND           | 120 / 240     | PASS |
| b-pinene                  | ND           | 120 / 240     | PASS |
| bisabolol                 | 3600         | 120 / 240     | PASS |
| borneol                   | ND           | 490 / 980     | PASS |
| camphene                  | ND           | 120 / 240     | PASS |
| camphor                   | ND           | 120 / 240     | PASS |
| carene                    | ND           | 120 / 240     | PASS |
| carvacrol                 | ND           | 120 / 240     | PASS |
| carvone                   | ND           | 120 / 240     | PASS |
| caryophyllene             | 4400         | 120 / 240     | PASS |
| cedrol                    | ND           | 120 / 240     | PASS |
| citral                    | ND           | 240 / 490     | PASS |
| eucalyptol                | ND           | 120 / 240     | PASS |
| fenchol                   | ND           | 240 / 490     | PASS |
| fenchone                  | ND           | 120 / 240     | PASS |
| g-terpinene               | ND           | 120 / 240     | PASS |
| guaiol                    | 3900         | 120 / 240     | PASS |
| humulene                  | 1900         | 120 / 240     | PASS |
| isobornyl acetate         | ND           | 120 / 240     | PASS |

## Terpenes continued

| Analyte Name                     | Result (ppm) | Iod/loq (ppm) |      |
|----------------------------------|--------------|---------------|------|
| isopulegol                       | ND           | 240 / 490     | PASS |
| limonene                         | <LOQ         | 120 / 240     | PASS |
| linalool                         | 560          | 120 / 240     | PASS |
| m-cymene                         | ND           | 120 / 240     | PASS |
| menthone                         | ND           | 120 / 240     | PASS |
| myrcene                          | ND           | 490 / 980     | PASS |
| o-cymene                         | ND           | 120 / 240     | PASS |
| p-cymene                         | <LOQ         | 120 / 240     | PASS |
| piperitone                       | ND           | 120 / 240     | PASS |
| pulegone                         | ND           | 240 / 490     | PASS |
| safranal                         | ND           | 120 / 240     | PASS |
| selinadiene <sup>2</sup>         | 1900         | 120 / 240     | PASS |
| terpineol                        | 580          | 120 / 240     | PASS |
| terpinolene                      | ND           | 120 / 240     | PASS |
| thymol                           | ND           | 120 / 240     | PASS |
| trans-a-bergamotene <sup>2</sup> | 480          | 120 / 240     | PASS |
| total terpenes <sup>2</sup>      | 22000        | NA / NA       | PASS |

## Most to Least Volatile





## Certificate of Analysis

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Sample Name: Bulk CBD Original - Harlequin - Sativa - DOH+, Type: EHO,

Origin: Skagit Organics (License No.: 412843)



| GCMS Pesticides 2025-06-26 |        |                     |             |                                 |        |                   |             |
|----------------------------|--------|---------------------|-------------|---------------------------------|--------|-------------------|-------------|
| Analyte Name (ppm)         | Result | LoD/LoQ/AL          | (Pass/Fail) |                                 |        |                   |             |
| chlorfenapyr               | ND     | 0.75 / 0.75 / 1     | Pass        | prallethrin                     | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| chlorpyrifos               | ND     | 0.15 / 0.15 / 0.2   | Pass        | propiconazole                   | ND     | 0.15 / 0.15 / 0.4 | Pass        |
| cyfluthrin                 | ND     | 0.75 / 0.75 / 1     | Pass        | propoxur                        | ND     | 0.08 / 0.08 / 0.2 | Pass        |
| cypermethrin               | ND     | 0.75 / 0.75 / 1     | Pass        | pyrethrin i                     | ND     | 0.08 / 0.08 / 1   | Pass        |
| methyl parathion           | ND     | 0.15 / 0.15 / 0.2   | Pass        | pyrethrin ii                    | ND     | 0.04 / 0.08 / 1   | Pass        |
| mgk 264 a                  | ND     | 0.11 / 0.11 / 0.2   | Pass        | pyridaben                       | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| mgk 264 b                  | ND     | 0.1 / 0.1 / 0.2     | Pass        | spinosad a                      | ND     | 0.02 / 0.04 / 0.2 | Pass        |
| ortho-para-DDE             | ND     | 0.08 / 0.08 / 0.1   | Pass        | spinosad d                      | ND     | 0.02 / 0.04 / 0.2 | Pass        |
| total mgk 264              | ND     | N/A / N/A / 0.2     | Pass        | spiromesifen                    | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| Heavy Metals 2025-06-26    |        |                     |             | spirotetramat                   | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| Analyte Name (ppm)         | Result | LoD/LoQ/AL          | (Pass/Fail) | spiroxamine                     | ND     | 0.04 / 0.08 / 0.4 | Pass        |
| as                         | ND     | 1 / 1 / 2           | Pass        | tebuconazole                    | ND     | 0.04 / 0.08 / 0.4 | Pass        |
| cd                         | ND     | 0.4 / 0.4 / 0.82    | Pass        | thiacloprid                     | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| hg                         | ND     | 0.3 / 0.3 / 0.4     | Pass        | thiamethoxam                    | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| pb                         | ND     | 0.8 / 0.8 / 1.2     | Pass        | trans-permethrin                | ND     | 0.04 / 0.08 / 0.2 | Pass        |
| LCMS Pesticides 2025-06-26 |        |                     |             | trifloxystrobin                 | ND     | 0.08 / 0.08 / 0.2 | Pass        |
| Analyte Name (ppm)         | Result | LoD/LoQ/AL          | (Pass/Fail) | total abamectin                 | ND     | N/A / N/A / 0.5   | Pass        |
| acephate                   | ND     | 0.04 / 0.08 / 0.4   | Pass        | total permethrins               | ND     | N/A / N/A / 0.2   | Pass        |
| acequinocyl                | ND     | 0.48 / 0.48 / 2     | Pass        | total pyrethrins                | ND     | N/A / N/A / 1     | Pass        |
| acetamiprid                | ND     | 0.04 / 0.08 / 0.2   | Pass        | total spinosads                 | ND     | N/A / N/A / 0.2   | Pass        |
| aldicarb                   | ND     | 0.04 / 0.08 / 0.4   | Pass        | Mycotoxins 2025-06-26           |        |                   |             |
| avermectin b1a             | ND     | 0.08 / 0.08 / 0.5   | Pass        | Analyte Name (ppb)              | Result | LoD/LoQ/AL        | (Pass/Fail) |
| avermectin b1b             | ND     | 0.08 / 0.08 / 0.5   | Pass        | aflatoxin b1                    | ND     | 5 / 5 / 20        | Pass        |
| azoxystrobin               | ND     | 0.04 / 0.08 / 0.2   | Pass        | aflatoxin b2                    | ND     | 5 / 5 / 20        | Pass        |
| bifenazate                 | ND     | 0.04 / 0.04 / 0.2   | Pass        | aflatoxin g1                    | ND     | 5 / 5 / 20        | Pass        |
| bifenthrin                 | ND     | 0.02 / 0.04 / 0.2   | Pass        | aflatoxin g2                    | ND     | 5 / 5 / 20        | Pass        |
| boscalid                   | ND     | 0.04 / 0.08 / 0.4   | Pass        | ochratoxin a                    | ND     | 10 / 10 / 20      | Pass        |
| carbaryl                   | ND     | 0.04 / 0.08 / 0.2   | Pass        | total aflatoxins                | ND     | N/A / N/A / 20    | Pass        |
| carbofuran                 | ND     | 0.04 / 0.08 / 0.2   | Pass        | Residual Solvents 2025-06-26    |        |                   |             |
| chlorantraniliprole        | ND     | 0.04 / 0.08 / 0.2   | Pass        | Analyte Name (ppm)              | Result | LoD/LoQ/AL        | (Pass/Fail) |
| cis-permethrin             | ND     | 0.04 / 0.08 / 0.2   | Pass        | 2,2-dimethylbutane              | ND     | 20 / 20 / 290     | Pass        |
| clofentezine               | ND     | 0.04 / 0.08 / 0.2   | Pass        | 2,3-dimethylbutane <sup>2</sup> | ND     | 20 / 20 / 290     | Pass        |
| daminozide                 | ND     | 0.24 / 0.48 / 1     | Pass        | 2-methylpentane                 | ND     | 20 / 20 / 290     | Pass        |
| diazinon                   | ND     | 0.04 / 0.08 / 0.2   | Pass        | 3-methylpentane                 | ND     | 20 / 20 / 290     | Pass        |
| dichlorvos                 | ND     | 0.075 / 0.075 / 0.1 | Pass        | acetone                         | ND     | 500 / 500 / 5000  | Pass        |
| dimethoate                 | ND     | 0.04 / 0.08 / 0.2   | Pass        | benzene                         | ND     | 1 / 1 / 2         | Pass        |
| ethoprophos                | ND     | 0.04 / 0.08 / 0.2   | Pass        | chloroform                      | ND     | 1 / 1 / 2         | Pass        |
| etofenprox                 | ND     | 0.04 / 0.08 / 0.4   | Pass        | cyclohexane                     | ND     | 50 / 50 / 3880    | Pass        |
| etoxazole                  | ND     | 0.04 / 0.08 / 0.2   | Pass        | dichloromethane                 | ND     | 20 / 20 / 600     | Pass        |
| fenoxycarb                 | ND     | 0.04 / 0.08 / 0.2   | Pass        | ethanol                         | 970    | 500 / 500 / 5000  | Pass        |
| fenpyroximate              | ND     | 0.04 / 0.08 / 0.4   | Pass        | ethyl acetate                   | 130    | 50 / 50 / 5000    | Pass        |
| fipronil                   | ND     | 0.08 / 0.08 / 0.4   | Pass        | iso-butane                      | ND     | 50 / 50 / 5000    | Pass        |
| flonicamid                 | ND     | 0.24 / 0.48 / 1     | Pass        | iso-pentane                     | ND     | 50 / 50 / 5000    | Pass        |
| fludioxonil                | ND     | 0.04 / 0.08 / 0.4   | Pass        | iso-propanol                    | ND     | 500 / 500 / 5000  | Pass        |
| hexythiazox                | ND     | 0.08 / 0.16 / 1     | Pass        | meta/para-xylene                | ND     | 50 / 50 / 2170    | Pass        |
| imazalil                   | ND     | 0.04 / 0.08 / 0.2   | Pass        | methanol                        | ND     | 500 / 500 / 3000  | Pass        |
| imidacloprid               | ND     | 0.04 / 0.04 / 0.4   | Pass        | n-butane                        | ND     | 50 / 50 / 5000    | Pass        |
| kresoxim-methyl            | ND     | 0.08 / 0.08 / 0.4   | Pass        | n-heptane                       | ND     | 50 / 50 / 5000    | Pass        |
| malathion                  | ND     | 0.04 / 0.08 / 0.2   | Pass        | n-hexane                        | ND     | 20 / 20 / 290     | Pass        |
| metalaxyl                  | ND     | 0.08 / 0.08 / 0.2   | Pass        | n-pentane                       | ND     | 50 / 50 / 5000    | Pass        |
| methiocarb                 | ND     | 0.04 / 0.08 / 0.2   | Pass        | neopentane <sup>2</sup>         | ND     | 50 / 50 / 5000    | Pass        |
| methomyl                   | ND     | 0.04 / 0.08 / 0.4   | Pass        | ortho-xylene                    | ND     | 50 / 50 / 2170    | Pass        |
| myclobutanil               | ND     | 0.04 / 0.04 / 0.2   | Pass        | propane                         | ND     | 50 / 50 / 5000    | Pass        |
| naled                      | ND     | 0.04 / 0.08 / 0.5   | Pass        | toluene                         | ND     | 50 / 50 / 890     | Pass        |
| oxamyl                     | ND     | 0.04 / 0.08 / 1     | Pass        | total butanes                   | ND     | N/A / N/A / 5000  | Pass        |
| paclobutrazol              | ND     | 0.04 / 0.04 / 0.4   | Pass        | total heptanes                  | ND     | N/A / N/A / 5000  | Pass        |
| phosmet                    | ND     | 0.04 / 0.08 / 0.2   | Pass        | total hexanes <sup>2</sup>      | ND     | N/A / N/A / 290   | Pass        |
| piperonyl butoxide         | ND     | 0.04 / 0.08 / 2     | Pass        | total pentanes <sup>2</sup>     | ND     | N/A / N/A / 5000  | Pass        |
|                            |        |                     |             | total propanes                  | ND     | N/A / N/A / 5000  | Pass        |
|                            |        |                     |             | total xylenes                   | ND     | N/A / N/A / 2170  | Pass        |





Certificate of Analysis

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[ END OF ANALYTES ]





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## Attestation &amp; Accuracy Review

These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses.

Pass/Fail criteria are defined in [WAC 314-55-102](#) and [WAC 314-55-108](#)

## Calculations:

$$\text{Total THC} = \text{d9-THC} + (\text{THC-A} * 0.877)$$
$$\text{Total CBD} = \text{CBD} + (\text{CBD-A} * 0.877)$$

Total Cannabinoid is a raw sum of all measured cannabinoids.

In Traceability, Total Cannabinoid is a sum of Total THC and Total CBD.

Figures may differ slightly from traceability due to rounding.

## Definitions:

ND = Not Detected

NT = Not Tested

LOD = Detection Limit

LOQ = Lower Quantification Limit

ULOQ = Upper Quantification Limit

AL = Action Limit

N/A = Not Applicable

GPM = Green Plant Material

CONC = Concentrate

ISL = Infused Solid or Liquid

<sup>1</sup>Greater than ULOQ<sup>2</sup>Not included in A2LA scope of Accreditation<sup>3</sup>WSDA Accreditation not available for this analyte

## Analytical Methods Used:

Cannabinoids by UHPLC-DAD

Terpenes by HS-GC-FID/MS<sup>3</sup>

Residual Solvents by HS-GC-MS

LCMS Pesticides by LC-MS/MS

GCMS Pesticides by GC-MS/MS

Mycotoxins by LC-MS/MS

Microbes by Plate Counting

Heavy Metals by ICP-MS

Foreign Material by Macroscopic Inspection

Water Activity by HYGROMETER

Certifying Scientist: Joe Dillon

## Material Amendments

No material amendments recorded for this sample.

