



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794

**Report Number:** 23-003182/D009.R000  
**Report Date:** 01/24/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:**

**Customer:** Zentwon CBD  
**Product identity:** Comp BSD V3  
**Client/Metric ID:** GVL-TST582 .  
**Laboratory ID:** 23-003182-0005

## Summary

### Potency:

| Analyte | Result (%) |                                                                                                                                             |        |
|---------|------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|
| CBD     | 89.1       | <ul style="list-style-type: none"><li>CBD</li><li>CBC</li><li>CBT</li><li>CBG</li><li>CBDV</li><li>CBE</li><li>CBN</li><li>Δ9-THC</li></ul> |        |
| CBC     | 0.828      |                                                                                                                                             |        |
| CBT     | 0.409      |                                                                                                                                             |        |
| CBG     | 0.398      |                                                                                                                                             |        |
| CBDV    | 0.346      |                                                                                                                                             |        |
| CBE     | 0.312      |                                                                                                                                             |        |
| CBN     | 0.258      |                                                                                                                                             |        |
| Δ9-THC  | 0.215      |                                                                                                                                             |        |
|         |            | CBD-Total                                                                                                                                   | 89.1%  |
|         |            | THC-Total                                                                                                                                   | 0.215% |
|         |            | (Reported in percent of total sample)                                                                                                       |        |

### Residual Solvents:

*All analytes passing and less than LOQ.*

### Pesticides:

*All analytes passing and less than LOQ.*

### Metals:

*Less than LOQ for all analytes.*

### Microbiology:

*Less than LOQ for all analytes.*

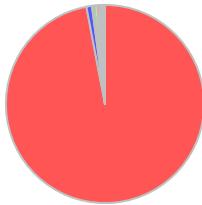
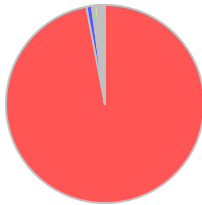


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**Purchase Order:**  
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**Customer:** Zentwon CBD  
United States of America (USA)  
**Product identity:** Comp BSD V3 GVL-TST582  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 23-003182-0005  
**Evidence of Cooling:** No  
**Temp:** 18.9  
**Relinquished by:** courier

## Sample Results

| Potency                  | Method: J AOAC 2015 V98-6 (mod)b |     |        | Units % | Batch: 2305629                                                                       | Analyze: 4/4/23 7:01:00 PM |
|--------------------------|----------------------------------|-----|--------|---------|--------------------------------------------------------------------------------------|----------------------------|
| Analyte                  | As                               | Dry | LOQ    | Notes   |  |                            |
|                          | Received weight                  |     |        |         |                                                                                      |                            |
| CBC                      | 0.828                            |     | 0.0691 |         |  | CBD                        |
| CBC-A                    | <LOQ                             |     | 0.0691 |         |                                                                                      | CBC                        |
| CBC-Total                | 0.828                            |     | 0.130  |         |                                                                                      | CBT                        |
| CBD                      | 89.1                             |     | 0.691  |         |                                                                                      | CBG                        |
| CBD-A                    | <LOQ                             |     | 0.0691 |         |                                                                                      | CBDV                       |
| CBD-Total                | 89.1                             |     | 0.752  |         |                                                                                      | CBE                        |
| CBDV                     | 0.346                            |     | 0.0691 |         |                                                                                      | CBN                        |
| CBDV-A                   | <LOQ                             |     | 0.0691 |         |                                                                                      | Δ9-THC                     |
| CBDV-Total               | 0.346                            |     | 0.129  |         |                                                                                      |                            |
| CBE                      | 0.312                            |     | 0.0691 |         |                                                                                      |                            |
| CBG                      | 0.398                            |     | 0.0691 |         |                                                                                      |                            |
| CBG-A                    | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| CBG-Total                | 0.398                            |     | 0.129  |         |                                                                                      |                            |
| CBL                      | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| CBL-A                    | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| CBL-Total                | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| CBN                      | 0.258                            |     | 0.130  |         |                                                                                      |                            |
| CBT                      | 0.409                            |     | 0.0691 |         |                                                                                      |                            |
| Δ10-THC-9R               | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| Δ10-THC-9S               | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| Δ10-THC-Total            | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| Δ8-THC                   | <LOQ                             |     | 0.138  |         |                                                                                      |                            |
| Δ8 - THCV                | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| Δ9-THC                   | 0.215                            |     | 0.0691 |         |                                                                                      |                            |
| exo-THC                  | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| THC-A                    | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| THC-Total                | 0.215                            |     | 0.0691 |         |                                                                                      |                            |
| THCV                     | <LOQ                             |     | 0.130  |         |                                                                                      |                            |
| THCV-A                   | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| THCV-Total               | <LOQ                             |     | 0.0691 |         |                                                                                      |                            |
| <b>TotalCannabinoids</b> | 91.9                             |     | 0.129  |         |                                                                                      |                            |



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## Microbiology

| Analyte                | Result | Limits | Units | LOQ | Batch   | Analyzed Method                   | Status Notes |
|------------------------|--------|--------|-------|-----|---------|-----------------------------------|--------------|
| E.coli                 | < LOQ  |        | cfu/g | 10  | 2306447 | 04/20/23 AOAC 991.14 (Petrifilm)p |              |
| Total Coliforms        | < LOQ  |        | cfu/g | 10  | 2306447 | 04/20/23 AOAC 991.14 (Petrifilm)p |              |
| Mold(RAPID Petrifilm)  | < LOQ  |        | cfu/g | 10  | 2306448 | 04/21/23 AOAC 2014.05 (RAPID)p    |              |
| Yeast(RAPID Petrifilm) | < LOQ  |        | cfu/g | 10  | 2306448 | 04/21/23 AOAC 2014.05 (RAPID)p    |              |

## Solvents

| Method: Residual Solvents by GC/MSp |        |        |      |              | Units µg/g                      | Batch 2306600 | Analyze 04/21/23 01:40 PM |      |              |  |
|-------------------------------------|--------|--------|------|--------------|---------------------------------|---------------|---------------------------|------|--------------|--|
| Analyte                             | Result | Limits | LOQ  | Status Notes | Analyte                         | Result        | Limits                    | LOQ  | Status Notes |  |
| 1,4 - Dioxane                       | <LOQ   |        |      |              | 2-Butanol                       | <LOQ          |                           |      |              |  |
| 2-Ethoxyethanol                     | <LOQ   | 380    | 100  | pass         | 2-Methylbutane                  | <LOQ          | 5000                      | 200  | pass         |  |
|                                     |        | 160    | 30.0 | pass         | ( Isopentane )                  |               |                           | 200  |              |  |
|                                     |        |        |      |              | 2-Propanol (IPA)                |               |                           |      |              |  |
| 2-Methylpentane                     | <LOQ   |        | 30.0 |              | 2,2 - Dimethylpropane           | <LOQ          | 5000                      | 200  | pass         |  |
| 2,2 - Dimethylbutane                | <LOQ   |        | 30.0 |              | (neo-pentane)                   | <LOQ          |                           | 200  |              |  |
|                                     |        |        |      |              | 3-Methylpentane                 |               |                           |      |              |  |
| 2,3 - Dimethylbutane                | <LOQ   |        | 30.0 |              | Acetonitrile                    | <LOQ          |                           | 30.0 |              |  |
| Acetone                             | <LOQ   | 5000   | 200  | pass         | Butanes(sum)                    | <LOQ          | 410                       | 100  | pass         |  |
| Benzene                             | <LOQ   | 2.00   | 1.00 | pass         | Ethyl acetate                   | <LOQ          | 5000                      | 400  | pass         |  |
| Cyclohexane                         | <LOQ   | 3880   | 200  | pass         | Ethyl ether                     | <LOQ          | 5000                      | 200  | pass         |  |
| Ethyl benzene                       | <LOQ   |        | 200  |              | Ethylene oxide                  | <LOQ          | 5000                      | 200  | pass         |  |
| Ethylene glycol                     | <LOQ   | 620    | 200  | pass         | Isopropyl acetate               | <LOQ          | 50.0                      | 20.0 | pass         |  |
| Hexanes (sum)                       | <LOQ   | 290    | 150  | pass         | m,p-Xylene                      | <LOQ          | 5000                      | 200  | pass         |  |
| Isopropylbenzene                    | <LOQ   | 70.0   | 30.0 | pass         |                                 | <LOQ          |                           | 200  |              |  |
| ( Cumene)                           |        |        |      |              |                                 |               |                           |      |              |  |
| Methanol                            | <LOQ   | 3000   | 200  | pass         | Methylene chloride              | <LOQ          | 600                       | 60.0 | pass         |  |
| Methylpropane                       | <LOQ   |        | 200  |              | n-Butane                        | <LOQ          |                           | 200  |              |  |
| (Isobutane)                         |        |        |      |              |                                 |               |                           |      |              |  |
| n-Heptane                           | <LOQ   | 5000   | 200  | pass         | n-Hexane                        | <LOQ          |                           | 30.0 |              |  |
| n-Pentane                           | <LOQ   |        | 200  |              | o-Xylene                        | <LOQ          |                           | 200  |              |  |
| Pentanes (sum)                      | <LOQ   | 5000   | 600  | pass         | Propane                         | <LOQ          | 5000                      | 200  | pass         |  |
| Tetrahydrofuran                     | <LOQ   | 720    | 100  | pass         | Toluene                         | <LOQ          | 890                       | 100  | pass         |  |
| Total Xylenes                       | <LOQ   |        | 400  |              | Total Xylenes and Ethyl benzene | <LOQ          | 2170                      | 600  | pass         |  |



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| Pesticides         |        | Method: AOAC 2007.01 & EN 15662 (mod)b |       |        |       | Units mg/kgBatch 2306597 |        | Analyze 04/21/23 12:33 PM |       |        |       |
|--------------------|--------|----------------------------------------|-------|--------|-------|--------------------------|--------|---------------------------|-------|--------|-------|
| Analyte            | Result | Limits                                 | LOQ   | Status | Notes | Analyte                  | Result | Limits                    | LOQ   | Status | Notes |
| Abamectin¥         | <LOQ   | 0.50                                   | 0.250 | pass   |       | Acephate¥                | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Acequinocyl ¥      | <LOQ   | 2.0                                    | 1.00  | pass   |       | Acetamiprid¥             | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Aldicarb ¥         | <LOQ   | 0.40                                   | 0.200 | pass   |       | Azoxystrobin¥            | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Bifenazate¥        | <LOQ   | 0.20                                   | 0.100 | pass   |       | Bifenthrin¥              | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Boscalid¥          | <LOQ   | 0.40                                   | 0.200 | pass   |       | Carbaryl¥                | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Carbofuran¥        | <LOQ   | 0.20                                   | 0.100 | pass   |       | Chlorantraniliprole      | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Chlorfenapyr¥      | <LOQ   | 1.0                                    | 0.500 | pass   |       | ¥ Chlorpyrifos ¥         | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Clofentezine¥      | <LOQ   | 0.20                                   | 0.100 | pass   |       | Cyfluthrin¥              | <LOQ   | 1.0                       | 0.500 | pass   |       |
| Cypermethrin¥      | <LOQ   | 1.0                                    | 0.500 | pass   |       | Daminozide¥              | <LOQ   | 1.0                       | 0.500 | pass   |       |
| Diazinon ¥         | <LOQ   | 0.20                                   | 0.100 | pass   |       | Dichlorvos ¥             | <LOQ   | 1.0                       | 0.500 | pass   |       |
| Dimethoate ¥       | <LOQ   | 0.20                                   | 0.100 | pass   |       | Ethoprophos¥             | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Etofenprox ¥       | <LOQ   | 0.40                                   | 0.200 | pass   |       | Etioazoxazole ¥          | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Fenoxycarb ¥       | <LOQ   | 0.20                                   | 0.100 | pass   |       | Fenpyroximate ¥          | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Fipronil¥          | <LOQ   | 0.40                                   | 0.200 | pass   |       | Flonicamid ¥             | <LOQ   | 1.0                       | 0.400 | pass   |       |
| Fludioxonil¥       | <LOQ   | 0.40                                   | 0.200 | pass   |       | Hexythiazox¥             | <LOQ   | 1.0                       | 0.400 | pass   |       |
| Imazalil¥          | <LOQ   | 0.20                                   | 0.100 | pass   |       | Imidacloprid ¥           | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Kresoxim-methyl¥   | <LOQ   | 0.40                                   | 0.200 | pass   |       | Malathion¥               | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Metalaxyl¥         | <LOQ   | 0.20                                   | 0.100 | pass   |       | Methiocarb ¥ MGK-        | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Methomyl¥          | <LOQ   | 0.40                                   | 0.200 | pass   |       | 264¥ Naled ¥             | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Myclobutanil¥      | <LOQ   | 0.20                                   | 0.100 | pass   |       | Paclobutrazole ¥         | <LOQ   | 0.50                      | 0.250 | pass   |       |
| Oxamyl¥            | <LOQ   | 1.0                                    | 0.500 | pass   |       | Permethrin¥              | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Parathion-Methyl ¥ | <LOQ   | 0.20                                   | 0.100 | pass   |       | Piperonyl butoxide¥      | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Phosmet¥           | <LOQ   | 0.20                                   | 0.100 | pass   |       | Propiconazole ¥          | <LOQ   | 2.0                       | 1.00  | pass   |       |
| Prallethrin¥       | <LOQ   | 0.20                                   | 0.100 | pass   |       | Pyrethrin I (total)¥     | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Propoxur¥          | <LOQ   | 0.20                                   | 0.100 | pass   |       | Spinosad ¥               | <LOQ   | 1.0                       | 0.500 | pass   |       |
| Pyridaben¥         | <LOQ   | 0.20                                   | 0.100 | pass   |       | Spirotetramat¥           | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Spiromesifen¥      | <LOQ   | 0.40                                   | 0.200 | pass   |       | Tebuconazole ¥           | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Spiroxamine¥       | <LOQ   | 0.20                                   | 0.100 | pass   |       | Thiamethoxam ¥           | <LOQ   | 0.20                      | 0.100 | pass   |       |
| Thiacloprid¥       | <LOQ   | 0.40                                   | 0.200 | pass   |       |                          | <LOQ   | 0.40                      | 0.200 | pass   |       |
| Trifloxystrobin¥   | <LOQ   | 0.20                                   | 0.100 | pass   |       |                          |        | 0.20                      | 0.100 | pass   |       |
|                    |        | 0.20                                   | 0.100 | pass   |       |                          |        |                           |       |        |       |

| Metals    |        |             |       |                |          |                      |        |       |  |
|-----------|--------|-------------|-------|----------------|----------|----------------------|--------|-------|--|
| Analyte   | Result | Limits      | Units | LOQ            | Batch    | Analyzed Method      | Status | Notes |  |
| Arsenic ¥ | < LOQ  | 0.200 mg/kg |       | 2306543        | 04/19/23 | AOAC 2013.06 (mod.)p | pass   |       |  |
| Cadmium ¥ | < LOQ  | 0.200 mg/kg |       | 0.0874 2306543 | 04/19/23 | AOAC 2013.06 (mod.)p | pass   |       |  |
| Lead ¥    | < LOQ  | 0.500 mg/kg |       | 0.0874 2306543 | 04/19/23 | AOAC 2013.06 (mod.)p | pass   |       |  |
| Mercury¥  | < LOQ  | 0.100 mg/kg |       | 0.0437 2306543 | 04/19/23 | AOAC 2013.06 (mod.)p | pass   |       |  |



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### Abbreviations

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.  
<sup>†</sup> = Non-accredited analyte.

### Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6

Batch ID: 2305629

Laboratory Control Sample

| Analyte   | LCS | Result | Spike | Units | % Rec | Limits     | Evaluation | Notes |
|-----------|-----|--------|-------|-------|-------|------------|------------|-------|
| CBPVA     | 2   | 0.102  | 0.100 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBPV      | 2   | 0.0998 | 0.100 | %     | 99.8  | 80.0 - 120 | Acceptable |       |
| CBE       | 2   | 0.101  | 0.100 | %     | 101   | 80.0 - 120 | Acceptable |       |
| CBDA      | 1   | 0.0931 | 0.093 | %     | 100   | 90.0 - 110 | Acceptable |       |
| CBGA      | 1   | 0.0991 | 0.097 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBG       | 1   | 0.0950 | 0.093 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBD       | 1   | 0.0831 | 0.082 | %     | 101   | 90.0 - 110 | Acceptable |       |
| THCV      | 2   | 0.0989 | 0.100 | %     | 98.9  | 80.0 - 120 | Acceptable |       |
| d8THCV    | 2   | 0.0996 | 0.100 | %     | 99.6  | 80.0 - 120 | Acceptable |       |
| THCVA     | 2   | 0.102  | 0.100 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBN       | 1   | 0.0814 | 0.081 | %     | 101   | 80.0 - 120 | Acceptable |       |
| exo-THC   | 2   | 0.0935 | 0.100 | %     | 93.5  | 80.0 - 120 | Acceptable |       |
| d9THC     | 1   | 0.0902 | 0.093 | %     | 96.5  | 90.0 - 110 | Acceptable |       |
| d8THC     | 1   | 0.0935 | 0.094 | %     | 99.9  | 90.0 - 110 | Acceptable |       |
| 9S-d10THC | 1   | 0.0914 | 0.094 | %     | 96.9  | 80.0 - 120 | Acceptable |       |
| CBL       | 2   | 0.0952 | 0.100 | %     | 95.2  | 80.0 - 120 | Acceptable |       |
| 9B-d10THC | 1   | 0.0892 | 0.096 | %     | 93.0  | 80.0 - 120 | Acceptable |       |
| CBC       | 2   | 0.0991 | 0.100 | %     | 99.1  | 80.0 - 120 | Acceptable |       |
| THCA      | 1   | 0.103  | 0.108 | %     | 95.2  | 90.0 - 110 | Acceptable |       |
| CBCA      | 2   | 0.105  | 0.100 | %     | 105   | 80.0 - 120 | Acceptable |       |
| CBLA      | 2   | 0.105  | 0.100 | %     | 105   | 80.0 - 120 | Acceptable |       |
| CBT       | 2   | 0.0863 | 0.100 | %     | 86.3  | 80.0 - 120 | Acceptable |       |

Method Blank

| Analyte       | Result | LOQ   | Units | Limits | Evaluation | Notes |
|---------------|--------|-------|-------|--------|------------|-------|
| CBPVA         | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBPV          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBE           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBDA          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBGA          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBG           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBD           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| THCV          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| d8THCV        | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| THCVA         | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBN           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| exo-THC       | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| d9THC         | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| d8THC         | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| 9S-d10THC     | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBL           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| 9B-d10THC     | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBC           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| THCA          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBCA          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBLA          | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| CBT           | <LOQ   | 0.077 | %     | 0.077  | Acceptable |       |
| Abbreviations |        |       |       |        |            |       |

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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| Laboratory Quality Control Results |        |             |       |       |      |        |            |       |
|------------------------------------|--------|-------------|-------|-------|------|--------|------------|-------|
| Batch ID: 2305629                  |        |             |       |       |      |        |            |       |
| Sample ID: 23-003141-0001          |        |             |       |       |      |        |            |       |
| Analyte                            | Result | Org. Result | LOQ   | Units | RPD  | Limits | Evaluation | Notes |
| CBDVA                              | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBDV                               | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBE                                | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBDA                               | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBGA                               | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBG                                | 2.75   | 2.79        | 0.077 | %     | 1.23 | 20     | Acceptable |       |
| CBD                                | 0.117  | 0.132       | 0.077 | %     | 12.0 | 20     | Acceptable |       |
| THCV                               | 0.354  | 0.362       | 0.077 | %     | 2.08 | 20     | Acceptable |       |
| Δ8THCV                             | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| THCVA                              | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBN                                | 0.205  | 0.207       | 0.077 | %     | 1.15 | 20     | Acceptable |       |
| exo-THC                            | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| Δ9THC                              | 70.1   | 70.8        | 0.077 | %     | 1.05 | 20     | Acceptable |       |
| Δ8THC                              | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| 9S-Δ10THC                          | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBL                                | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| 9R-Δ10THC                          | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBC                                | 1.55   | 1.57        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| THCA                               | <LOQ   | <LOQ        | 0.077 | %     | 1.28 | 20     | Acceptable |       |
| CBCA                               | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBLA                               | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| CBT                                | <LOQ   | <LOQ        | 0.077 | %     | N/A  | 20     | Acceptable |       |
| Abbreviations                      |        |             |       |       | N/A  |        |            |       |

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794

**Report Number:** 23-003182/D009.R000  
**Report Date:** 01/24/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:**

Revision: 3 Document ID: 3120  
Legacyl D: CFL-C21 Worksheet Validated 10/30/2020

### Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 |              |              | Units: mg/Kg              |            | Batch ID: 2306597 |           |          |       |  |
|------------------------|--------------|--------------|---------------------------|------------|-------------------|-----------|----------|-------|--|
| Method Blank           |              |              | Laboratory Control Sample |            |                   |           |          |       |  |
| Analyte                | Blank Result | Blank Limits | Notes                     | LCS Result | LCS Spk           | LCS % Rec | Limits   | Notes |  |
| Abamectin              | 0.000        | < 0.250      |                           | 1.094      | 1.000             | 109.4     | 50.0 150 |       |  |
| Acephate               | 0.000        | < 0.200      |                           | 0.800      | 0.800             | 100.0     | 60.0 120 |       |  |
| Acequinocyl            | 0.000        | < 1.000      |                           | 3.545      | 4.000             | 88.6      | 40.0 160 |       |  |
| Acetamiprid            | 0.000        | < 0.100      |                           | 0.433      | 0.400             | 108.3     | 60.0 120 |       |  |
| Aldicarb               | 0.000        | < 0.200      |                           | 0.844      | 0.800             | 105.5     | 60.0 120 |       |  |
| Azoxystrobin           | 0.000        | < 0.100      |                           | 0.429      | 0.400             | 107.3     | 60.0 120 |       |  |
| Bifenazate             | 0.000        | < 0.100      |                           | 0.490      | 0.400             | 122.5     | 60.0 120 |       |  |
| Bifenthrin             | 0.000        | < 0.100      |                           | 0.396      | 0.400             | 99.1      | 50.0 150 | Q1    |  |
| Boscalid               | 0.000        | < 0.200      |                           | 0.920      | 0.800             | 115.0     | 60.0 120 |       |  |
| Carbaryl               | 0.000        | < 0.100      |                           | 0.420      | 0.400             | 104.9     | 60.0 120 |       |  |
| Carbofuran             | 0.000        | < 0.100      |                           | 0.431      | 0.400             | 107.9     | 60.0 120 |       |  |
| Chlorantraniliprole    | 0.000        | < 0.100      |                           | 0.419      | 0.400             | 104.7     | 60.0 120 |       |  |
| Chlorfenapyr           | 0.000        | < 0.500      |                           | 2.346      | 2.000             | 117.3     | 60.0 120 |       |  |
| Chlorpyrifos           | 0.000        | < 0.100      |                           | 0.403      | 0.400             | 100.7     | 60.0 120 |       |  |
| Clofentezine           | 0.000        | < 0.100      |                           | 0.422      | 0.400             | 105.4     | 60.0 120 |       |  |
| Cyfluthrin             | 0.000        | < 0.500      |                           | 2.172      | 2.000             | 108.6     | 50.0 150 |       |  |
| Cypermethrin           | 0.000        | < 0.500      |                           | 2.093      | 2.000             | 104.7     | 50.0 150 |       |  |
| Daminozide             | 0.215        | < 0.500      |                           | 2.409      | 2.000             | 120.5     | 60.0 120 |       |  |
| Diazinon               | 0.000        | < 0.100      |                           | 0.467      | 0.400             | 116.8     | 60.0 120 | Q1    |  |
| Dichlorvos             | 0.000        | < 0.500      |                           | 2.060      | 2.000             | 103.0     | 60.0 120 |       |  |
| Dimethoate             | 0.000        | < 0.100      |                           | 0.414      | 0.400             | 103.6     | 60.0 120 |       |  |
| Ethoprophos            | 0.000        | < 0.100      |                           | 0.427      | 0.400             | 106.7     | 60.0 120 |       |  |
| Etofenprox             | 0.000        | < 0.200      |                           | 0.822      | 0.800             | 102.8     | 50.0 150 |       |  |
| Etoxazole              | 0.000        | < 0.100      |                           | 0.426      | 0.400             | 106.4     | 60.0 120 |       |  |
| Fenoxycarb             | 0.000        | < 0.100      |                           | 0.421      | 0.400             | 105.3     | 60.0 120 |       |  |
| Fenpyroximate          | 0.000        | < 0.200      |                           | 0.904      | 0.800             | 113.1     | 60.0 120 |       |  |
| Fipronil               | 0.000        | < 0.200      |                           | 0.822      | 0.800             | 102.7     | 60.0 120 |       |  |
| Flonicamid             | 0.000        | < 0.250      |                           | 1.019      | 1.000             | 101.9     | 60.0 120 |       |  |
| Fludioxonil            | 0.000        | < 0.200      |                           | 0.905      | 0.800             | 113.2     | 50.0 150 |       |  |
| Hexythiazox            | 0.000        | < 0.250      |                           | 1.037      | 1.000             | 103.7     | 60.0 120 |       |  |
| Imazalil               | 0.000        | < 0.100      |                           | 0.426      | 0.400             | 106.5     | 60.0 120 |       |  |
| Imidacloprid           | 0.000        | < 0.200      |                           | 0.839      | 0.800             | 104.9     | 60.0 120 |       |  |
| Kresoxim-methyl        | 0.000        | < 0.200      |                           | 0.857      | 0.800             | 107.1     | 60.0 120 |       |  |
| Malathion              | 0.000        | < 0.100      |                           | 0.430      | 0.400             | 107.4     | 60.0 120 |       |  |
| Metaxalyl              | 0.000        | < 0.100      |                           | 0.442      | 0.400             | 110.5     | 60.0 120 |       |  |
| M et h ioca rb         | 0.000        | < 0.100      |                           | 0.421      | 0.400             | 105.3     | 60.0 120 |       |  |
| M et h omyl            | 0.000        | < 0.200      |                           | 0.849      | 0.800             | 106.1     | 60.0 120 |       |  |
| MGK-264                | 0.000        | < 0.100      |                           | 0.433      | 0.400             | 108.3     | 50.0 150 |       |  |
| Myclobutanil           | 0.000        | < 0.100      |                           | 0.443      | 0.400             | 110.8     | 60.0 120 |       |  |
| Naled                  | 0.000        | < 0.250      |                           | 1.021      | 1.000             | 102.1     | 50.0 150 |       |  |
| Oxamyl                 | 0.000        | < 0.500      |                           | 2.166      | 2.000             | 108.3     | 60.0 120 |       |  |
| Paclobutrazole         | 0.000        | < 0.200      |                           | 0.898      | 0.800             | 112.2     | 60.0 120 |       |  |
| Parathion-Methyl       | 0.000        | < 0.100      |                           | 0.508      | 0.400             | 126.9     | 50.0 150 |       |  |
| Permethrin             | 0.002        | < 0.100      |                           | 0.424      | 0.400             | 106.0     | 50.0 150 |       |  |
| Phosmet                | 0.000        | < 0.100      |                           | 0.416      | 0.400             | 104.1     | 50.0 150 |       |  |
| Piperonyl butoxide     | 0.000        | < 0.500      |                           | 2.250      | 2.000             | 112.5     | 60.0 120 |       |  |
| Prallethrin            | 0.000        | < 0.100      |                           | 0.418      | 0.400             | 104.4     | 60.0 120 |       |  |
| Propiconazole          | 0.000        | < 0.200      |                           | 0.863      | 0.800             | 107.9     | 60.0 120 |       |  |
| Propoxur               | 0.000        | < 0.100      |                           | 0.428      | 0.400             | 106.9     | 60.0 120 |       |  |
| Pyrethrin (Summe)      | 0.000        | < 0.100      |                           | 0.522      | 0.488             | 106.9     | 60.0 120 |       |  |
| Pyridaben              | 0.000        | < 0.100      |                           | 0.419      | 0.400             | 104.8     | 50.0 150 |       |  |
| Spinosad               | 0.000        | < 0.100      |                           | 0.413      | 0.388             | 106.6     | 50.0 150 |       |  |
| Spiromesifen           | 0.000        | < 0.100      |                           | 0.445      | 0.400             | 111.1     | 60.0 120 |       |  |
| Spirotetramat          | 0.000        | < 0.100      |                           | 0.435      | 0.400             | 108.7     | 60.0 120 |       |  |
| Spiroxamine            | 0.000        | < 0.200      |                           | 0.864      | 0.800             | 107.9     | 60.0 120 |       |  |
| Tebuconazole           | 0.000        | < 0.200      |                           | 0.900      | 0.800             | 112.5     | 60.0 120 |       |  |
| Thiacloprid            | 0.000        | < 0.100      |                           | 0.425      | 0.400             | 106.2     | 60.0 120 |       |  |
| Thiamethoxam           | 0.000        | < 0.100      |                           | 0.437      | 0.400             | 109.2     | 60.0 120 |       |  |
| Trifloxystrobin        | 0.000        | < 0.100      |                           | 0.427      | 0.400             | 106.9     | 60.0 120 |       |  |



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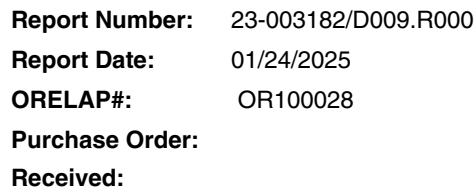
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ORELAP#: OR100028  
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Revision: 3 Document ID: 3120  
Legacyl D: CFL-C21 Worksheet Validated 10/30/2020

### Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662                         |        | Units: mg/Kg              |         |       | Batch ID: 2306597 |                   |              |
|------------------------------------------------|--------|---------------------------|---------|-------|-------------------|-------------------|--------------|
| Matrix Spike/Matrix Spike Duplicate Recoveries |        | Sample ID: 23-004616-0001 |         |       |                   |                   |              |
| Analyte                                        | Result | MS Res                    | MSD Res | Spike | RPD% Limit        | MS % RecMSD % Rec | Limits Notes |
| Abamectin                                      | 0.000  | 0.968                     | 1.049   | 1.000 | 8.0% < 30         | 96.8% 104.9%      | 50 - 150 50  |
| Acetate                                        | 0.000  | 0.730                     | 0.740   | 0.800 | 1.3% < 30         | 91.3% 92.5%       | - 150 50 -   |
| Acetaminophen                                  | 0.000  | 2.682                     | 3.218   | 4.000 | 18.1% < 30        | 67.1% 80.4%       | 150 50 -     |
| Acetaminophen                                  | 0.000  | 0.379                     | 0.398   | 0.400 | 4.8% < 30         | 94.7% 99.4%       | 150 50 -     |
| Aldicarb                                       | 0.000  | 0.759                     | 0.864   | 0.800 | 12.9% < 30        | 94.9% 108.0%      | 150 50 -     |
| Azinphosmethyl                                 | 0.002  | 0.338                     | 0.367   | 0.400 | 8.4% < 30         | 84.0% 91.4%       | 150 50 -     |
| Bifenthrin                                     | 0.106  | 0.491                     | 0.560   | 0.400 | 16.5% < 30        | 96.3% 113.6%      | 150 50 -     |
| Bifenthrin                                     | 0.000  | 0.214                     | 0.251   | 0.400 | 16.0% < 30        | 53.5% 62.8%       | 150 50 -     |
| Boscalid                                       | 0.745  | 1.234                     | 1.400   | 0.800 | 29.0% < 30        | 61.1% 81.9%       | 150 50 -     |
| Carbaryl                                       | 0.000  | 0.313                     | 0.331   | 0.400 | 5.7% < 30         | 78.2% 82.8%       | 150 50 -     |
| Carbofuran                                     | 0.000  | 0.350                     | 0.380   | 0.400 | 8.0% < 30         | 87.6% 94.9%       | 150 50 -     |
| Chlorantraniliprole                            | 0.000  | 0.374                     | 0.401   | 0.400 | 7.0% < 30         | 93.6% 100.4%      | 150 50 -     |
| Chlorpyrifos                                   | 0.000  | 1.788                     | 1.671   | 2.000 | 6.8% < 30         | 89.4% 93.5%       | 150 50 -     |
| Chlorpyrifos                                   | 0.062  | 0.453                     | 0.409   | 0.400 | 12.1% < 30        | 97.9% 86.7%       | 150 50 -     |
| Clofentazine                                   | 0.011  | 0.225                     | 0.265   | 0.400 | 17.0% < 30        | 53.6% 63.6%       | 150 30 -     |
| Cyfluthrin                                     | 0.000  | 1.153                     | 1.215   | 2.000 | 5.2% < 30         | 57.6% 60.7%       | 150 30 -     |
| Cypermethrin                                   | 0.000  | 0.992                     | 1.010   | 2.000 | 1.8% < 30         | 49.8% 50.5%       | 50 - 150     |
| Daminozide                                     | 0.316  | 2.415                     | 2.869   | 2.000 | 19.6% < 30        | 104.9% 127.7%     | 30 - 150     |
| Diazinon                                       | 0.000  | 0.162                     | 0.193   | 2.000 | 17.6% < 30        | 40.4% 48.3%       | 50 - 150     |
| Dichlorvos                                     | 0.000  | 1.691                     | 1.700   | 0.400 | 0.5% < 30         | 84.6% 85.0%       | 50 - 150     |
| Dimethoate                                     | 0.000  | 0.355                     | 0.366   | 0.400 | 3.0% < 30         | 88.8% 91.5%       | 50 - 150     |
| Ethoprophos                                    | 0.003  | 0.343                     | 0.364   | 0.400 | 6.0% < 30         | 85.1% 90.3%       | 50 - 150     |
| Etofenprox                                     | 0.036  | 0.500                     | 0.560   | 0.800 | 12.2% < 30        | 58.0% 65.5%       | 50 - 150     |
| Etoxazole                                      | 0.000  | 0.330                     | 0.363   | 0.400 | 9.5% < 30         | 82.4% 90.7%       | 50 - 150     |
| Fenoxycarb                                     | 0.000  | 0.305                     | 0.377   | 0.400 | 21.1% < 30        | 76.2% 94.1%       | 50 - 150     |
| Fenpyroximate                                  | 0.000  | 0.209                     | 0.259   | 0.400 | 21.3% < 30        | 26.1% 32.4%       | 50 - 150     |
| Fipronil                                       | 0.000  | 0.448                     | 0.494   | 0.800 | 9.8% < 30         | 56.0% 61.7%       | 50 - 150     |
| Flonicamid                                     | 0.000  | 0.923                     | 0.955   | 1.000 | 3.4% < 30         | 92.3% 95.5%       | 50 - 150     |
| Fludioxonil                                    | 0.000  | 1.308                     | 1.184   | 0.800 | 10.0% < 30        | 163.5% 148.0%     | 50 - 150     |
| Hexythiazox                                    | 0.000  | 0.814                     | 0.904   | 1.000 | 10.6% < 30        | 81.4% 90.4%       | 50 - 150     |
| Imazalil                                       | 0.000  | 0.356                     | 0.399   | 0.400 | 11.4% < 30        | 89.1% 99.9%       | 50 - 150     |
| Imidacloprid                                   | 0.000  | 0.718                     | 0.744   | 0.800 | 3.6% < 30         | 89.7% 93.0%       | 50 - 150     |
| Kresoxim-methyl                                | 0.000  | 0.561                     | 0.663   | 0.800 | 16.7% < 30        | 70.1% 82.9%       | 50 - 150     |
| Malathion                                      | 0.000  | 0.309                     | 0.367   | 0.400 | 16.9% < 30        | 77.4% 91.7%       | 50 - 150     |
| Metaxalyl                                      | 0.000  | 0.351                     | 0.436   | 0.400 | 21.6% < 30        | 87.9% 109.1%      | 50 - 150     |
| Methiocarb                                     | 0.000  | 0.322                     | 0.387   | 0.400 | 18.1% < 30        | 80.6% 96.7%       | 50 - 150     |
| Methomyl                                       | 0.000  | 0.771                     | 0.855   | 0.800 | 10.3% < 30        | 96.3% 106.8%      | 50 - 150     |
| MGK-264                                        | 0.000  | 0.196                     | 0.242   | 0.400 | 21.2% < 30        | 48.9% 60.5%       | 50 - 150     |
| Myclobutanil                                   | 0.046  | 0.315                     | 0.343   | 0.400 | 9.7% < 30         | 67.4% 74.2%       | 50 - 150     |
| Naled                                          | 0.000  | 0.764                     | 0.836   | 1.000 | 9.1% < 30         | 76.4% 83.6%       | 50 - 150     |
| Oxamyl                                         | 0.000  | 1.904                     | 1.986   | 2.000 | 4.2% < 30         | 95.2% 99.3%       | 50 - 150     |
| Paclobutrazole                                 | 0.003  | 0.659                     | 0.751   | 0.800 | 13.1% < 30        | 82.0% 93.5%       | 50 - 150     |
| Parathion-Methyl                               | 0.000  | 0.257                     | 0.358   | 0.400 | 32.6% < 30        | 64.3% 89.5%       | 30 - 150     |
| Permethrin                                     | 0.011  | 0.281                     | 0.309   | 0.400 | 9.8% < 30         | 67.7% 74.7%       | 50 - 150     |
| Phosmet                                        | 0.002  | 0.327                     | 0.406   | 0.400 | 21.6% < 30        | 81.4% 101.0%      | 50 - 150     |
| Piperonyl butoxide                             | 0.000  | 1.911                     | 2.179   | 2.000 | 13.1% < 30        | 95.6% 109.0%      | 50 - 150     |
| Prallethrin                                    | 0.000  | 0.222                     | 0.276   | 0.400 | 21.5% < 30        | 55.6% 69.0%       | 50 - 150     |
| Propiconazole                                  | 0.099  | 0.656                     | 0.788   | 0.800 | 21.1% < 30        | 69.7% 86.1%       | 50 - 150     |
| Propoxur                                       | 0.007  | 0.353                     | 0.373   | 0.400 | 5.8% < 30         | 86.3% 91.5%       | 50 - 150     |
| Pyrethrin (Summe)                              | 0.106  | 0.442                     | 0.501   | 0.488 | 16.2% < 30        | 68.8% 80.9%       | 50 - 150     |
| Pyridaben                                      | 0.012  | 0.266                     | 0.287   | 0.400 | 7.6% < 30         | 63.7% 68.7%       | 50 - 150     |
| Spinosad                                       | 0.000  | 0.303                     | 0.336   | 0.388 | 10.3% < 30        | 78.1% 86.6%       | 50 - 150     |
| Spiromesifen                                   | 0.000  | 0.347                     | 0.371   | 0.400 | 6.6% < 30         | 86.7% 92.7%       | 50 - 150     |
| Spirotetramat                                  | 0.000  | 0.462                     | 0.504   | 0.400 | 8.6% < 30         | 115.5% 125.9%     | 50 - 150     |
| Spiroxamine                                    | 0.000  | 0.731                     | 0.901   | 0.800 | 20.8% < 30        | 91.4% 112.7%      | 50 - 150     |
| Tebuconazole                                   | 0.000  | 0.629                     | 0.760   | 0.800 | 18.9% < 30        | 78.6% 95.1%       | 50 - 150 50  |
| Thiacloprid                                    | 0.000  | 0.356                     | 0.404   | 0.400 | 12.6% < 30        | 89.1% 101.1%      | - 150 50 -   |
| Thiamethoxam                                   | 0.000  | 0.384                     | 0.408   | 0.400 | 6.1% < 30         | 95.9% 102.0%      | 150 50 -     |
| Trifloxystrobin                                | 0.005  | 0.299                     | 0.336   | 0.400 | 12.0% < 30        | 73.5% 82.8%       | 150          |







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Explanation of QC Flag Comments:

| Code | Explanation                                                                                 |
|------|---------------------------------------------------------------------------------------------|
| Q Q1 | Matrix interferences affecting spike or surrogate recoveries.                               |
| Q2   | Quality control result biased high. Only non-detect samples reported.                       |
| Q3   | Quality control outside QC limits. Data considered estimate.                                |
| Q4   | Sample concentration greater than four times the amount spiked.                             |
| Q5   | Non-homogenous sample matrix, affecting RPD result and/or % recoveries.                     |
| Q6 R | Spike results above calibration curve.                                                      |
| R1   | Quality control outside QC limits. Data acceptable based on remaining QC.                   |
| R2   | Relative percent difference (RPD) outside control limit.                                    |
| LOQ1 | RPD non-calculable, as sample or duplicate results are less than five times the LOQ.        |
| LOQ2 | Sample replicates RPD non-calculable, as only one replicate is within the analytical range. |
| B B1 | Quantitation level raised due to low sample volume and/or dilution.                         |
| B2   | Quantitation level raised due to matrix interference.                                       |
|      | Analyte detected in method blank, but not in associated samples.                            |
|      | The sample concentration is greater than 5 times the blank concentration.                   |
|      | The sample concentration is less than 5 times the blank concentration.                      |