



PINNACLE

— ANALYTICS —

Potency Results

Sample Name: *Godfather OG*

Client: Elevated Trading, LLC

Client Batch ID:

Pinnacle-Analytics.com

3549 Lear Way, Suite 101

Medford OR 97504

P:(541)300-8217

Sample ID: rC-H-372-D2164

Matrix: Flower

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 12-6-2023 H4 101, 185, 205, 372, 390, 415 Flower

Date Sampled: 12/5/2023

Date Reported: 12/15/2023

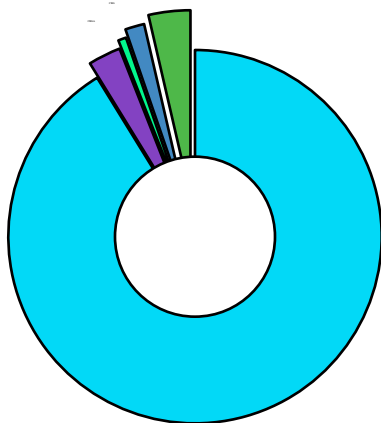
Client License: AG-R1065116-IHH

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| | |
|--------------------------------------|--------|
| Total THC (THCA*0.877+d9-THC) | 0.748% |
| Total CBD (CBDA*0.877+CBD) | 19.2% |
| Moisture Content | 10.9% |
| Water Activity | 0.407 |

| Cannabinoid | % Weight | mg/g |
|---------------------------|--------------|--------------|
| CBDVA | <LOQ | <LOQ |
| CBDV | <LOQ | <LOQ |
| CBDA* | 21.5 | 215.0 |
| CBGA | 0.665 | 6.65 |
| CBG | 0.163 | 1.63 |
| CBD* | 0.39 | 3.9 |
| THCV | <LOQ | <LOQ |
| CBN | <LOQ | <LOQ |
| d9-THC* | <LOQ | <LOQ |
| d8-THC* | <LOQ | <LOQ |
| CBC | <LOQ | <LOQ |
| THCA* | 0.853 | 8.53 |
| Total Cannabinoids | 23.57 | 236.0 |

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



- CBDA*
- CBD*
- CBGA
- THCA*
- CBG



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Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Quality Control Results

Analyst: Jeff A.

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Medford OR 97504

Analysis Batch: 12-6-2023 H4 101, 185, 205, 372, 390, 415 Flower P:(541)300-8217

| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-D2119-b | Limit | C-FL-120623 | Limits | C-FB-120623 | Limit |
| CBDA | 9.91% | 10% | 97.9% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 8.86% | 30% | 102.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | <LOQ% | 30% | 102.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 103.0% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | 7.56% | 10% | 92.9% | 90-110% | <LOQ/2 | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Godfather OG

Pinnacle Analytics

010-101599328A3

Sample ID: C231789-09 METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 12/07/23

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Terpene Analysis

Date/Time Extracted: 12/12/23 09:13

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 12/13/23 00:45

Sample extracted and analyzed at PREE Lab - North

| Analyte | LOQ (mg/g) | Mass (mg/g) | Mass (%) | Analyte | LOQ (mg/g) | Mass (mg/g) | Mass (%) |
|---------------------|------------|-------------|----------|----------------------|------------|-------------|-------------|
| alpha-Pinene | 0.100 | < LOQ | < LOQ | beta-Pinene | 0.100 | < LOQ | < LOQ |
| Camphene | 0.100 | < LOQ | < LOQ | Sabinene | 0.100 | < LOQ | < LOQ |
| Sabinene hydrate | 0.100 | < LOQ | < LOQ | beta-Myrcene | 0.100 | 0.353 | 0.0353 |
| p-Mentha-1,5-diene | 0.100 | < LOQ | < LOQ | (+)-3-Carene | 0.100 | < LOQ | < LOQ |
| alpha-Terpinene | 0.100 | < LOQ | < LOQ | gamma-Terpinene | 0.100 | < LOQ | < LOQ |
| Limonene | 0.100 | < LOQ | < LOQ | Eucalyptol | 0.100 | < LOQ | < LOQ |
| Guaiol | 0.100 | 0.213 | 0.0213 | Terpinolene | 0.100 | < LOQ | < LOQ |
| Linalool | 0.100 | 0.289 | 0.0289 | Camphor | 0.100 | < LOQ | < LOQ |
| (+)-Camphor | 0.100 | < LOQ | < LOQ | (-)-Camphor | 0.100 | < LOQ | < LOQ |
| Isopulegol | 0.100 | < LOQ | < LOQ | Isoborneol | 0.100 | < LOQ | < LOQ |
| Borneol | 0.100 | < LOQ | < LOQ | Hexahydrothymol | 0.100 | < LOQ | < LOQ |
| Geraniol | 0.100 | < LOQ | < LOQ | (+)-Pulegone | 0.100 | < LOQ | < LOQ |
| Nerol | 0.100 | < LOQ | < LOQ | cis-Nerolidol | 0.100 | < LOQ | < LOQ |
| trans-Nerolidol | 0.100 | 0.178 | 0.0178 | Geranyl acetate | 0.100 | < LOQ | < LOQ |
| alpha-Cedrene | 0.100 | < LOQ | < LOQ | trans-Caryophyllene | 0.100 | 0.983 | 0.0983 |
| Caryophyllene Oxide | 0.100 | 0.225 | 0.0225 | alpha-Humulene | 0.100 | 0.586 | 0.0586 |
| Valencene | 0.100 | < LOQ | < LOQ | alpha-Farnesene | 0.100 | < LOQ | < LOQ |
| beta-Farnesene | 0.100 | < LOQ | < LOQ | Cedrol | 0.100 | < LOQ | < LOQ |
| alpha-Bisabolol | 0.100 | 0.638 | 0.0638 | Fenchone | 0.100 | < LOQ | < LOQ |
| Fenchyl Alcohol | 0.100 | < LOQ | < LOQ | trans, beta- Ocimene | 0.100 | < LOQ | < LOQ |
| beta, cis- Ocimene | 0.100 | 0.144 | 0.0144 | Terpineol | 0.100 | < LOQ | < LOQ |
| Total (Sum): | | | | | | 3.61 | 0.36 |

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited. Results reported as dry weight. LOQ = Limit of Quantitation.



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Godfather OG

Pinnacle Analytics

010-101599328A3

Sample ID: C231789-09

Matrix: Hemp

METRC Batch Package #:

Date Sampled: 12/07/23 16:15

Date Accepted: 12/07/23 16:15

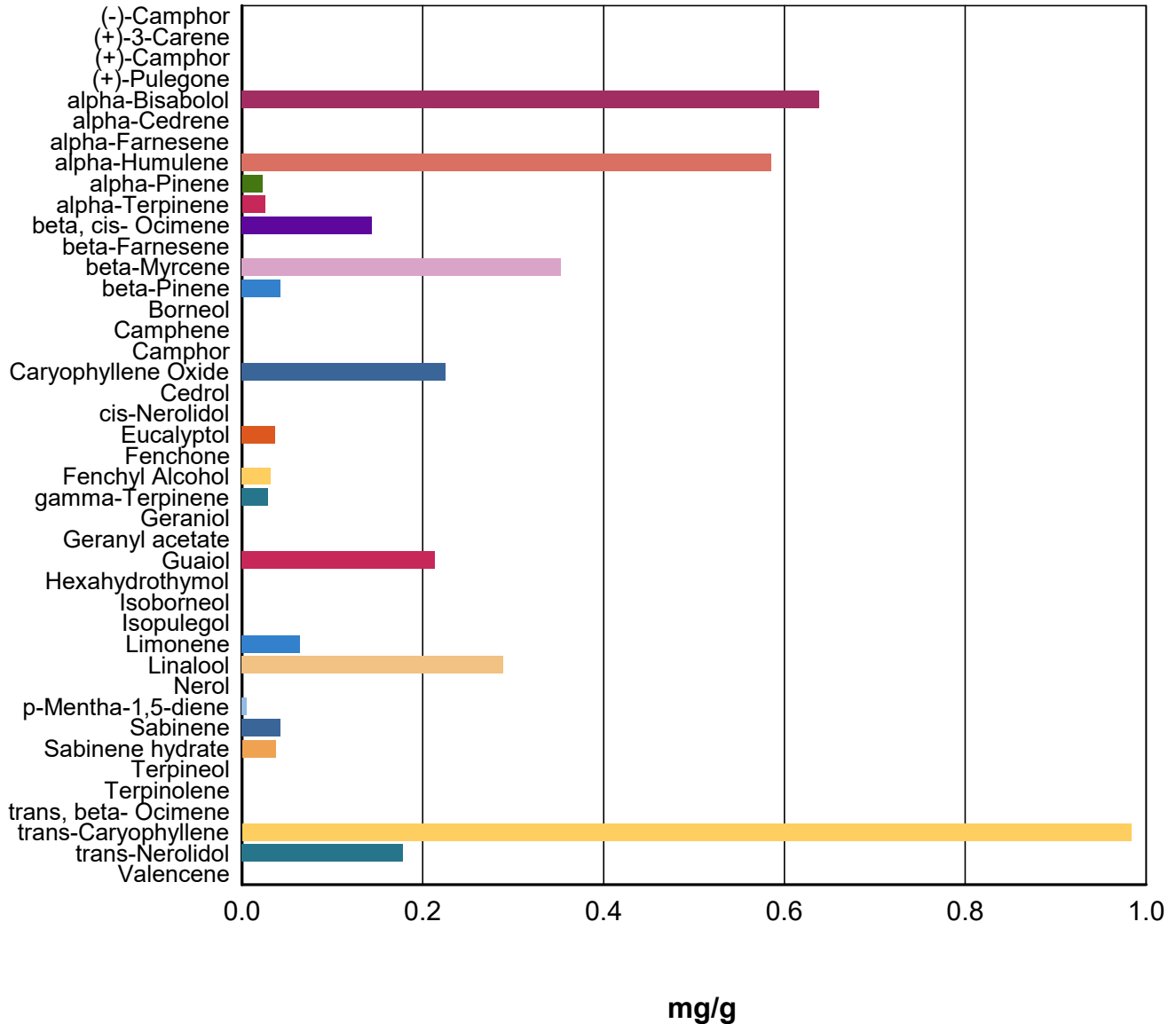
Results Valid Until: 12/06/24

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Profile



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Notes and Definitions

| Item | Definition |
|-------------|---|
| HIGH BIAS | High analyte recovery, yet no detection of that analyte in samples. |



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Pest/Myco/HM/Mirco Comp- D2164-216

Pinnacle Analytics

010-101599328A3

Sample ID: C231789-14

Matrix: Hemp

METRC Batch #:

Date Accepted: 12/07/23

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Pesticides

Date/Time Extracted: 12/11/23 15:11

Date/Time Analyzed: 12/12/2023 8:30:57PM

Analysis Method/SOP: LSOP #307

Sample extracted and analyzed at PREE Lab - South

| Analyte | LOQ | Action Level | Result | Units | Type |
|---------------------|-------|--------------|--------|-------|---------------------------------|
| Acephate | 0.200 | 0.4 | < LOQ | ppm | Organophosphate insecticide |
| Acequinocyl | 0.500 | 2 | < LOQ | ppm | |
| Acetamiprid | 0.100 | 0.2 | < LOQ | ppm | Neonicotinoid insecticide |
| Aldicarb | 0.200 | 0.4 | < LOQ | ppm | Carbamate insecticide |
| Avermectin B1 | 0.200 | 0.5 | < LOQ | ppm | |
| Azoxystrobin | 0.100 | 0.2 | < LOQ | ppm | |
| Bifenazate | 0.100 | 0.2 | < LOQ | ppm | Unclassified insecticide |
| Bifenthrin | 0.100 | 0.2 | < LOQ | ppm | |
| Boscalid | 0.200 | 0.4 | < LOQ | ppm | Anilide fungicide |
| Carbaryl | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Carbofuran | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Chlorantraniliprole | 0.100 | 0.2 | < LOQ | ppm | Anthranilic diamide insecticide |
| Chlorfenapyr | 0.500 | 1 | < LOQ | ppm | Pyrazole insecticide |
| Chlorpyrifos | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Clofentezine | 0.100 | 0.2 | < LOQ | ppm | |
| Cyfluthrin | 0.500 | 1 | < LOQ | ppm | |
| Cypermethrin | 0.500 | 1 | < LOQ | ppm | |
| Daminozide | 0.500 | 1 | < LOQ | ppm | |
| DDVP (Dichlorvos) | 0.500 | 1 | < LOQ | ppm | |
| Diazinon | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Dimethoate | 0.100 | 0.2 | < LOQ | ppm | |
| Ethoprophos | 0.100 | 0.2 | < LOQ | ppm | |
| Etofenprox | 0.200 | 0.4 | < LOQ | ppm | |
| Etoxazole | 0.100 | 0.2 | < LOQ | ppm | Unclassified miticide |
| Fenoxycarb | 0.100 | 0.2 | < LOQ | ppm | |
| Fenpyroximate | 0.200 | 0.4 | < LOQ | ppm | |
| Fipronil | 0.200 | 0.4 | < LOQ | ppm | Pyrazole insecticide |
| Fonicamid | 0.500 | 1 | < LOQ | ppm | Pyridinecarboxamide insecticide |
| Fludioxonil | 0.200 | 0.4 | < LOQ | ppm | non-systemic fungicide |
| Hexythiazox | 0.500 | 1 | < LOQ | ppm | |
| Imazalil | 0.100 | 0.2 | < LOQ | ppm | Azole fungicide |
| Imidacloprid | 0.200 | 0.4 | < LOQ | ppm | Neonicotinoid insecticide |
| Kresoxim-methyl | 0.200 | 0.4 | < LOQ | ppm | |
| Malathion | 0.100 | 0.2 | < LOQ | ppm | |
| Metalaxyl | 0.100 | 0.2 | < LOQ | ppm | |
| Methiocarb | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Methomyl | 0.200 | 0.4 | < LOQ | ppm | Carbamate insecticide |



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Pest/Myco/HM/Mirco Comp- D2164-216

Pinnacle Analytics

010-101599328A3

Sample ID: C231789-14

METRC Batch #:

Matrix: Hemp

Date Accepted: 12/07/23

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Pesticides

Date/Time Extracted: 12/11/23 15:11

Date/Time Analyzed: 12/12/2023 8:30:57PM

Analysis Method/SOP: LSOP #307

Sample extracted and analyzed at PREE Lab - South

| Analyte | LOQ | Action Level | Result | Units | Type |
|----------------------|-------|--------------|--------|-------|------------------------------|
| Methyl parathion | 0.100 | 0.2 | < LOQ | ppm | |
| MGK I | 0.100 | 0.2 | < LOQ | ppm | |
| MGK II | 0.100 | 0.2 | < LOQ | ppm | |
| MGK-264 (Both) | 0.100 | 0.2 | < LOQ | ppm | |
| Myclobutanil | 0.100 | 0.2 | < LOQ | ppm | Azole fungicide |
| Naled | 0.200 | 0.5 | < LOQ | ppm | |
| Oxamyl | 0.500 | 1 | < LOQ | ppm | Carbamate insecticide |
| Paclobutrazol | 0.200 | 0.4 | < LOQ | ppm | Azole plant growth regulator |
| Permethrins (Both) | 0.100 | 0.2 | < LOQ | ppm | |
| Permethrins Cis | 0.100 | 0.2 | < LOQ | ppm | |
| Permethrins Trans | 0.100 | 0.2 | < LOQ | ppm | |
| Phosmet | 0.100 | 0.2 | < LOQ | ppm | Organophosphate insecticide |
| Piperonyl butoxide | 0.500 | 2 | < LOQ | ppm | |
| Prallethrin | 0.100 | 0.2 | < LOQ | ppm | |
| Propiconazole | 0.200 | 0.4 | < LOQ | ppm | |
| Propoxur | 0.100 | 0.2 | < LOQ | ppm | Carbamate insecticide |
| Pyrethrins (All 3) | 0.500 | 1 | < LOQ | ppm | |
| Pyrethrins Cinerin | 0.500 | 1 | < LOQ | ppm | |
| Pyrethrins Jasmolin | 0.500 | 1 | < LOQ | ppm | |
| Pyrethrins Pyrethrin | 0.500 | 1 | < LOQ | ppm | |
| Pyridaben | 0.100 | 0.2 | < LOQ | ppm | Unclassified insecticide |
| Spinosad (Both) | 0.100 | 0.2 | < LOQ | ppm | |
| Spinosyn A | 0.100 | 0.2 | < LOQ | ppm | |
| Spinosyn D | 0.100 | 0.2 | < LOQ | ppm | |
| Spiromesifen | 0.100 | 0.2 | < LOQ | ppm | Keto-enol insecticide |
| Spirotetramat | 0.100 | 0.2 | < LOQ | ppm | Keto-enol insecticide |
| Spiroxamine | 0.200 | 0.4 | < LOQ | ppm | Unclassified fungicide |
| Tebuconazole | 0.200 | 0.4 | < LOQ | ppm | |
| Thiacloprid | 0.100 | 0.2 | < LOQ | ppm | |
| Thiamethoxam | 0.100 | 0.2 | < LOQ | ppm | Neonicotinoid insectide |
| Trifloxystrobin | 0.100 | 0.2 | < LOQ | ppm | Strobin fungicide |

Results above the action level fail Oregon state testing requirements and will be highlighted RED.

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007.



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Pest/Myco/HM/Mirco Comp- D2164-216 Date Sampled: NA
Pinnacle Analytics Date Accepted: 12/07/23
010-101599328A3 Batch ID:
Sample ID: C231789-14 METRC Batch #: Batch Size:
Matrix: Hemp Sampling Method/SOP: Client

Microbial Analysis

Date/Time Extracted: 12/11/23 15:04 Date/Time Analyzed: 12/13/2023 2:31:26PM
 Analysis Method/SOP: LSOP #310 Sample extracted and analyzed at PREE Lab - South

| Analyte | Result | Units | Pass/Fail |
|-----------------|--------|-------|-----------|
| Salmonella spp. | Absent | /g | PASS |
| STEC E. coli | Absent | /g | PASS |

Analytical instrumentation: Thomas Scientific Applied Biosystem qPCR located at PREE Lab - South



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Pest/Myco/HM/Mirco Comp- D2164-216 Date Sampled: NA
Pinnacle Analytics Date Accepted: 12/07/23
010-101599328A3 Batch ID:
Sample ID: C231789-14 METRC Batch #: Batch Size:
Matrix: Hemp Sampling Method/SOP: Client

Heavy Metals Analysis

Date Extracted: 12/11/23 Date Analyzed: 12/12/23 Analysis Method/SOP: LSOP #309
 Sample extracted and analyzed at PREE Lab - South

| Analyte | LOQ (ug/g) | Action Level (ug/g) | Result (ug/g) |
|---------|------------|---------------------|---------------|
| Mercury | 0.040 | 0.1 | ND |
| Lead | 0.160 | 0.5 | ND |
| Cadmium | 0.080 | 0.2 | ND |
| Arsenic | 0.080 | 0.2 | ND |

LOQ= Limit of Quantitation; ND= Not Detected;
 The reported result is based on sample weight for this sample;
 Analytical instrumentation: Agilent 7850 ICP-MS located at PREE Lab - South

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| | | |
|---|-----------------------|-----------------------------|
| Pest/Myco/HM/Mirco Comp- D2164-216 | | Date Sampled: NA |
| Pinnacle Analytics | | Date Accepted: 12/07/23 |
| 010-101599328A3 | | Batch ID: |
| Sample ID: C231789-14 | METRC Batch #: | Batch Size: |
| Matrix: Hemp | | Sampling Method/SOP: Client |

Mycotoxins

Date Extracted: 12/12/23

Date Analyzed: 12/13/23

Analysis Method/SOP: LSOP #308

Sample extracted and analyzed at PREE Lab - South

| Analyte | LOQ (ug/g) | Action Level | Result (ug/g) |
|------------------|------------|--------------|---------------|
| Total Aflatoxins | 0.0100 | 0.02 | ND |
| Ochratoxin A | 0.0100 | 0.02 | ND |
| Aflatoxin G2 | 0.0100 | 0.02 | ND |
| Aflatoxin G1 | 0.0100 | 0.02 | ND |
| Aflatoxin B2 | 0.0100 | 0.02 | ND |
| Aflatoxin B1 | 0.0100 | 0.02 | ND |

LOQ= Limit of Quantitation; ND= Not Detected;
The reported result is based on sample weight for this sample;
Analytical instrumentation: Sciex Triple Quad 6500



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Quality Control

Batch: C23L041 - LSOP #309 Heavy Metal Quantification

| Blank(C23L041-BLK1) | | | Extracted: 12/11/23 10:38 | | | Analyzed: 12/12/23 12:16 | | | |
|---------------------|--------|--------------|---------------------------|-------|---------|--------------------------|--------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Arsenic | < LOQ | 0.080 (ug/g) | < LOQ | | Lead | < LOQ | 0.160 (ug/g) | < LOQ | |
| Mercury | < LOQ | 0.040 (ug/g) | < LOQ | | Cadmium | < LOQ | 0.080 (ug/g) | < LOQ | |

| LCS(C23L041-BS1) | | | Extracted: 12/11/23 10:38 | | | Analyzed: 12/12/23 12:20 | | | |
|------------------|------------|--------------|---------------------------|-------|---------|--------------------------|--------------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Arsenic | 96.4 | 0.080 (ug/g) | 80-115 | | Lead | 100 | 0.160 (ug/g) | 80-115 | |
| Mercury | 80.8 | 0.040 (ug/g) | 80-115 | | Cadmium | 88.6 | 0.080 (ug/g) | 80-115 | |

| LCS Dup(C23L041-BSD1) | | | Extracted: 12/11/23 10:38 | | | Analyzed: 12/12/23 13:55 | | | |
|-----------------------|------------|--------------|---------------------------|-------|---------|--------------------------|--------------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Arsenic | 92.7 | 0.080 (ug/g) | 80-115 | | Lead | 97.0 | 0.160 (ug/g) | 80-115 | |
| Mercury | 81.3 | 0.040 (ug/g) | 80-115 | | Cadmium | 87.9 | 0.080 (ug/g) | 80-115 | |

Batch: C23L047 - LSOP #310 Microbial Analysis

| Blank(C23L047-BLK1) | | | Extracted: 12/11/23 15:04 | | | Analyzed: 12/13/23 14:31 | | | |
|---------------------|--------|------------|---------------------------|-------|-----------------|--------------------------|------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| STEC E. coli | Absent | 0.500 (/g) | < LOQ | | Salmonella spp. | Absent | 0.500 (/g) | < LOQ | |

| Reference(C23L047-SRM1) | | | Extracted: 12/11/23 15:04 | | | Analyzed: 12/13/23 14:31 | | | |
|-------------------------|---------|------|---------------------------|-------|-----------------|--------------------------|------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| STEC E. coli | Present | (/g) | 100-100 | | Salmonella spp. | Present | (/g) | 100-100 | |

Batch: C23L048 - LSOP #307 Pesticide Quantification by LCMS

| Blank(C23L048-BLK1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 19:31 | | | |
|---------------------|--------|-------------|---------------------------|-------|---------------------|--------------------------|-------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Acephate | < LOQ | 0.200 (ppm) | < LOQ | | Acequinocyl | < LOQ | 0.500 (ppm) | < LOQ | |
| Acetamiprid | < LOQ | 0.100 (ppm) | < LOQ | | Aldicarb | < LOQ | 0.200 (ppm) | < LOQ | |
| Avermectin B1 | < LOQ | 0.200 (ppm) | < LOQ | | Azoxystrobin | < LOQ | 0.100 (ppm) | < LOQ | |
| Bifentazate | < LOQ | 0.100 (ppm) | < LOQ | | Bifenthrin | < LOQ | 0.100 (ppm) | < LOQ | |
| Boscalid | < LOQ | 0.200 (ppm) | < LOQ | | Carbaryl | < LOQ | 0.100 (ppm) | < LOQ | |
| Carbofuran | < LOQ | 0.100 (ppm) | < LOQ | | Chlorantraniliprole | < LOQ | 0.100 (ppm) | < LOQ | |
| Chlorfenapyr | < LOQ | 0.500 (ppm) | < LOQ | | Chlorpyrifos | < LOQ | 0.100 (ppm) | < LOQ | |
| Clofentezine | < LOQ | 0.100 (ppm) | < LOQ | | Cyfluthrin | < LOQ | 0.500 (ppm) | < LOQ | |
| Cypermethrin | < LOQ | 0.500 (ppm) | < LOQ | | Daminozide | < LOQ | 0.500 (ppm) | < LOQ | |
| DDVP (Dichlorvos) | < LOQ | 0.500 (ppm) | < LOQ | | Diazinon | < LOQ | 0.100 (ppm) | < LOQ | |
| Dimethoate | < LOQ | 0.100 (ppm) | < LOQ | | Ethoprophos | < LOQ | 0.100 (ppm) | < LOQ | |
| Etofenprox | < LOQ | 0.200 (ppm) | < LOQ | | Etoxazole | < LOQ | 0.100 (ppm) | < LOQ | |
| Fenoxycarb | < LOQ | 0.100 (ppm) | < LOQ | | Fenpyroximate | < LOQ | 0.200 (ppm) | < LOQ | |



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Quality Control

Batch: C23L048 - LSOP #307 Pesticide Quantification by LCMS (Continued)

| Blank(C23L048-BLK1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 19:31 | | | |
|----------------------|--------|-------------|---------------------------|-------|---------------------|--------------------------|-------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Fipronil | < LOQ | 0.200 (ppm) | < LOQ | | Fonicamid | < LOQ | 0.500 (ppm) | < LOQ | |
| Fludioxonil | < LOQ | 0.200 (ppm) | < LOQ | | Hexythiazox | < LOQ | 0.500 (ppm) | < LOQ | |
| Imazalil | < LOQ | 0.100 (ppm) | < LOQ | | Imidacloprid | < LOQ | 0.200 (ppm) | < LOQ | |
| Kresoxim-methyl | < LOQ | 0.200 (ppm) | < LOQ | | Malathion | < LOQ | 0.100 (ppm) | < LOQ | |
| Metalaxyl | < LOQ | 0.100 (ppm) | < LOQ | | Methiocarb | < LOQ | 0.100 (ppm) | < LOQ | |
| Methomyl | < LOQ | 0.200 (ppm) | < LOQ | | Methyl parathion | < LOQ | 0.100 (ppm) | < LOQ | |
| MGK I | < LOQ | 0.100 (ppm) | < LOQ | | MGK II | < LOQ | 0.100 (ppm) | < LOQ | |
| MGK-264 (Both) | < LOQ | 0.100 (ppm) | < LOQ | | Myclobutanil | < LOQ | 0.100 (ppm) | < LOQ | |
| Naled | < LOQ | 0.200 (ppm) | < LOQ | | Oxamyl | < LOQ | 0.500 (ppm) | < LOQ | |
| Paclobutrazol | < LOQ | 0.200 (ppm) | < LOQ | | Permethrins (Both) | < LOQ | 0.100 (ppm) | < LOQ | |
| Permethrins Cis | < LOQ | 0.100 (ppm) | < LOQ | | Permethrins Trans | < LOQ | 0.100 (ppm) | < LOQ | |
| Phosmet | < LOQ | 0.100 (ppm) | < LOQ | | Piperonyl butoxide | < LOQ | 0.500 (ppm) | < LOQ | |
| Prallethrin | < LOQ | 0.100 (ppm) | < LOQ | | Propiconazole | < LOQ | 0.200 (ppm) | < LOQ | |
| Propoxur | < LOQ | 0.100 (ppm) | < LOQ | | Pyrethrins (All 3) | < LOQ | 0.500 (ppm) | < LOQ | |
| Pyrethrins Cinerin | < LOQ | 0.500 (ppm) | < LOQ | | Pyrethrins Jasmolin | < LOQ | 0.500 (ppm) | < LOQ | |
| Pyrethrins Pyrethrin | < LOQ | 0.500 (ppm) | < LOQ | | Pyridaben | < LOQ | 0.100 (ppm) | < LOQ | |
| Spinosad (Both) | < LOQ | 0.100 (ppm) | < LOQ | | Spinosyn A | < LOQ | 0.100 (ppm) | < LOQ | |
| Spinosyn D | < LOQ | 0.100 (ppm) | < LOQ | | Spiromesifen | < LOQ | 0.100 (ppm) | < LOQ | |
| Spirotetramat | < LOQ | 0.100 (ppm) | < LOQ | | Spiroxamine | < LOQ | 0.200 (ppm) | < LOQ | |
| Tebuconazole | < LOQ | 0.200 (ppm) | < LOQ | | Thiacloprid | < LOQ | 0.100 (ppm) | < LOQ | |
| Thiamethoxam | < LOQ | 0.100 (ppm) | < LOQ | | Trifloxystrobin | < LOQ | 0.100 (ppm) | < LOQ | |

| LCS(C23L048-BS1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 19:46 | | | |
|-------------------|------------|-------|---------------------------|-------|---------------------|--------------------------|-------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Acephate | 101 | (ppm) | 60-120 | | Acequinocyl | 110 | (ppm) | 40-160 | |
| Acetamiprid | 102 | (ppm) | 60-120 | | Aldicarb | 90.5 | (ppm) | 60-120 | |
| Avermectin B1 | 119 | (ppm) | 50-150 | | Azoxystrobin | 107 | (ppm) | 60-120 | |
| Bifentazate | 97.7 | (ppm) | 60-120 | | Bifenthrin | 106 | (ppm) | 50-150 | |
| Boscalid | 101 | (ppm) | 60-120 | | Carbaryl | 105 | (ppm) | 60-120 | |
| Carbofuran | 101 | (ppm) | 60-120 | | Chlorantraniliprole | 101 | (ppm) | 60-120 | |
| Chlorfenapyr | 99.7 | (ppm) | 60-120 | | Chlorpyrifos | 99.8 | (ppm) | 60-120 | |
| Clofentezine | 101 | (ppm) | 60-120 | | Cyfluthrin | 105 | (ppm) | 50-150 | |
| Cypermethrin | 100 | (ppm) | 50-150 | | Daminozide | 113 | (ppm) | 60-120 | |
| DDVP (Dichlorvos) | 101 | (ppm) | 60-120 | | Diazinon | 98.8 | (ppm) | 60-120 | |
| Dimethoate | 100 | (ppm) | 60-120 | | Ethoprophos | 97.8 | (ppm) | 60-120 | |
| Etofenprox | 101 | (ppm) | 50-150 | | Etoxazole | 101 | (ppm) | 60-120 | |
| Fenoxycarb | 102 | (ppm) | 60-120 | | Fenpyroximate | 97.8 | (ppm) | 60-120 | |



Carson Newkirk
Laboratory Manager - 12/14/2023


PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Quality Control

Batch: C23L048 - LSOP #307 Pesticide Quantification by LCMS (Continued)

| LCS(C23L048-BS1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 19:46 | | | |
|---------------------|------------|-------|---------------------------|-------|----------------------|--------------------------|-------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Fipronil | 100 | (ppm) | 60-120 | | Fonicamid | 102 | (ppm) | 60-120 | |
| Fludioxonil | 101 | (ppm) | 50-150 | | Hexythiazox | 99.3 | (ppm) | 60-120 | |
| Imazalil | 99.2 | (ppm) | 60-120 | | Imidacloprid | 99.8 | (ppm) | 60-120 | |
| Kresoxim-methyl | 102 | (ppm) | 60-120 | | Malathion | 101 | (ppm) | 60-120 | |
| Metalaxyl | 100 | (ppm) | 60-120 | | Methiocarb | 98.7 | (ppm) | 60-120 | |
| Methomyl | 103 | (ppm) | 60-120 | | Methyl parathion | 118 | (ppm) | 50-150 | |
| MGK I | 99.8 | (ppm) | 50-150 | | MGK II | 105 | (ppm) | 50-150 | |
| Myclobutanil | 98.2 | (ppm) | 60-120 | | Naled | 103 | (ppm) | 50-150 | |
| Oxamyl | 103 | (ppm) | 60-120 | | Paclobutrazol | 98.0 | (ppm) | 60-120 | |
| Permethrins Cis | 102 | (ppm) | 50-150 | | Permethrins Trans | 107 | (ppm) | 50-150 | |
| Phosmet | 101 | (ppm) | 50-150 | | Piperonyl butoxide | 103 | (ppm) | 60-120 | |
| Prallethrin | 99.0 | (ppm) | 60-120 | | Propiconazole | 95.0 | (ppm) | 60-120 | |
| Propoxur | 103 | (ppm) | 60-120 | | Pyrethrins Cinerin | 98.5 | (ppm) | 60-120 | |
| Pyrethrins Jasmolin | 90.5 | (ppm) | 60-120 | | Pyrethrins Pyrethrin | 103 | (ppm) | 60-120 | |
| Pyridaben | 101 | (ppm) | 50-150 | | Spinosyn A | 100 | (ppm) | 50-150 | |
| Spinosyn D | 99.0 | (ppm) | 50-150 | | Spiromesifen | 117 | (ppm) | 60-120 | |
| Spirotetramat | 93.8 | (ppm) | 60-120 | | Spiroxamine | 104 | (ppm) | 60-120 | |
| Tebuconazole | 103 | (ppm) | 60-120 | | Thiacloprid | 101 | (ppm) | 60-120 | |
| Thiamethoxam | 100 | (ppm) | 60-120 | | Trifloxystrobin | 98.7 | (ppm) | 60-120 | |

| LCS Dup(C23L048-BSD1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 21:00 | | | |
|-----------------------|------------|-------|---------------------------|-------|---------------------|--------------------------|-------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Acephate | 97.7 | (ppm) | 60-120 | | Acequinocyl | 104 | (ppm) | 40-160 | |
| Acetamiprid | 98.7 | (ppm) | 60-120 | | Aldicarb | 92.5 | (ppm) | 60-120 | |
| Avermectin B1 | 93.8 | (ppm) | 50-150 | | Azoxystrobin | 99.8 | (ppm) | 60-120 | |
| Bifentazate | 110 | (ppm) | 60-120 | | Bifenthrin | 109 | (ppm) | 50-150 | |
| Boscalid | 106 | (ppm) | 60-120 | | Carbaryl | 99.5 | (ppm) | 60-120 | |
| Carbofuran | 100 | (ppm) | 60-120 | | Chlorantraniliprole | 95.0 | (ppm) | 60-120 | |
| Chlorfenapyr | 89.7 | (ppm) | 60-120 | | Chlorpyrifos | 95.8 | (ppm) | 60-120 | |
| Clofentezine | 99.5 | (ppm) | 60-120 | | Cyfluthrin | 102 | (ppm) | 50-150 | |
| Cypermethrin | 97.3 | (ppm) | 50-150 | | Daminozide | 111 | (ppm) | 60-120 | |
| DDVP (Dichlorvos) | 100 | (ppm) | 60-120 | | Diazinon | 93.8 | (ppm) | 60-120 | |
| Dimethoate | 100 | (ppm) | 60-120 | | Ethoprophos | 95.8 | (ppm) | 60-120 | |
| Etofenprox | 101 | (ppm) | 50-150 | | Etoxazole | 101 | (ppm) | 60-120 | |
| Fenoxycarb | 94.2 | (ppm) | 60-120 | | Fenpyroximate | 98.8 | (ppm) | 60-120 | |
| Fipronil | 96.4 | (ppm) | 60-120 | | Fonicamid | 99.2 | (ppm) | 60-120 | |
| Fludioxonil | 110 | (ppm) | 50-150 | | Hexythiazox | 93.4 | (ppm) | 60-120 | |



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Quality Control

Batch: C23L048 - LSOP #307 Pesticide Quantification by LCMS (Continued)

| LCS Dup(C23L048-BSD1) | | | Extracted: 12/11/23 15:11 | | | Analyzed: 12/12/23 21:00 | | | |
|-----------------------|------------|-------|---------------------------|-------|----------------------|--------------------------|-------|-----------------|-------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Imazalil | 101 | (ppm) | 60-120 | | Imidacloprid | 98.8 | (ppm) | 60-120 | |
| Kresoxim-methyl | 98.8 | (ppm) | 60-120 | | Malathion | 97.8 | (ppm) | 60-120 | |
| Metalaxyl | 95.5 | (ppm) | 60-120 | | Methiocarb | 105 | (ppm) | 60-120 | |
| Methomyl | 97.7 | (ppm) | 60-120 | | Methyl parathion | 94.8 | (ppm) | 50-150 | |
| MGK I | 104 | (ppm) | 50-150 | | MGK II | 103 | (ppm) | 50-150 | |
| Myclobutanil | 105 | (ppm) | 60-120 | | Naled | 101 | (ppm) | 50-150 | |
| Oxamyl | 98.5 | (ppm) | 60-120 | | Paclobutrazol | 108 | (ppm) | 60-120 | |
| Permethrins Cis | 94.4 | (ppm) | 50-150 | | Permethrins Trans | 92.4 | (ppm) | 50-150 | |
| Phosmet | 98.0 | (ppm) | 50-150 | | Piperonyl butoxide | 96.7 | (ppm) | 60-120 | |
| Prallethrin | 102 | (ppm) | 60-120 | | Propiconazole | 102 | (ppm) | 60-120 | |
| Propoxur | 100 | (ppm) | 60-120 | | Pyrethrins Cinerin | 112 | (ppm) | 60-120 | |
| Pyrethrins Jasmolin | 87.6 | (ppm) | 60-120 | | Pyrethrins Pyrethrin | 100 | (ppm) | 60-120 | |
| Pyridaben | 103 | (ppm) | 50-150 | | Spinosyn A | 100 | (ppm) | 50-150 | |
| Spinosyn D | 97.0 | (ppm) | 50-150 | | Spiromesifen | 111 | (ppm) | 60-120 | |
| Spirotetramat | 107 | (ppm) | 60-120 | | Spiroxamine | 101 | (ppm) | 60-120 | |
| Tebuconazole | 105 | (ppm) | 60-120 | | Thiacloprid | 100 | (ppm) | 60-120 | |
| Thiamethoxam | 97.3 | (ppm) | 60-120 | | Trifloxystrobin | 94.7 | (ppm) | 60-120 | |

Batch: C23L052 - LSOP #308 Mycotoxin Quantification by LCMS

| Blank(C23L052-BLK1) | | | Extracted: 12/12/23 09:03 | | | Analyzed: 12/13/23 12:30 | | | |
|---------------------|--------|--------------|---------------------------|-------|------------------|--------------------------|--------------|-----------------|-------|
| Analyte | Result | LOQ | Recovery Limits | Notes | Analyte | Result | LOQ | Recovery Limits | Notes |
| Ochratoxin A | < LOQ | 0.0100 (ppm) | < LOQ | | Aflatoxin G2 | < LOQ | 0.0100 (ppm) | < LOQ | |
| Aflatoxin G1 | < LOQ | 0.0100 (ppm) | < LOQ | | Aflatoxin B2 | < LOQ | 0.0100 (ppm) | < LOQ | |
| Aflatoxin B1 | < LOQ | 0.0100 (ppm) | < LOQ | | Total Aflatoxins | < LOQ | 0.0100 (ppm) | < LOQ | |

| LCS(C23L052-BS1) | | | Extracted: 12/12/23 09:03 | | | Analyzed: 12/13/23 12:30 | | | |
|------------------|------------|-------|---------------------------|-----------|--------------|--------------------------|-------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Ochratoxin A | 326 | (ppm) | 60-120 | HIGH BIAS | Aflatoxin G2 | 244 | (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin G1 | 233 | (ppm) | 60-120 | HIGH BIAS | Aflatoxin B2 | 210 | (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin B1 | 236 | (ppm) | 60-120 | HIGH BIAS | | | | | |

| LCS Dup(C23L052-BSD1) | | | Extracted: 12/12/23 09:03 | | | Analyzed: 12/13/23 12:30 | | | |
|-----------------------|------------|-------|---------------------------|-----------|--------------|--------------------------|-------|-----------------|-----------|
| Analyte | % Recovery | LOQ | Recovery Limits | Notes | Analyte | % Recovery | LOQ | Recovery Limits | Notes |
| Ochratoxin A | 286 | (ppm) | 60-120 | HIGH BIAS | Aflatoxin G2 | 256 | (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin G1 | 260 | (ppm) | 60-120 | HIGH BIAS | Aflatoxin B2 | 224 | (ppm) | 60-120 | HIGH BIAS |
| Aflatoxin B1 | 253 | (ppm) | 60-120 | HIGH BIAS | | | | | |

Notes and Definitions



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Laboratory Manager - 12/14/2023

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| Item | Definition |
|-------------|---|
| HIGH BIAS | High analyte recovery, yet no detection of that analyte in samples. |



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