

Pear Blossom

East Fork Cultivars
 9953 Takilma Rd
 Cave Junction, OR 97523
 503-810-7120

Sample Type: Buds
 Sample Date: 11/7/2019
 Analysis Date: 11/8/2019
 Report Date: 11/15/2019

Metric Batch ID:
 1A40103000019CA000008538
 Metric Sample ID:
 1A40103000019CA000008266

Harvest/Process Date: 9/24/2019
 Report ID:
LS-191115-1

Potency

Potency Analysis Date: 11/8/2019
 Potency Batch ID: CAN_110819B
 Potency Method: JAOAC 2015.1

Moisture Content: 10.6%
 Water Activity: 0.448 a_w
 Water Activity Method: AOAC 978.18

11.0%

Total
 CBD

3.28%

Total
 THC

Samples: FGZ-DGT-GCT



| Analyte | Description | LOQ | RPD | Min. | Max. | Conc. | Unit: % |
|------------------|-------------------------------|------|-----|------|------|-------|---------|
| Δ9THC | Delta-9 Tetrahydrocannabinol | 0.40 | - | - | - | ND | |
| THCA | Tetrahydrocannabinolic acid | 0.40 | - | - | - | 3.74 | |
| CBD | Cannabidiol | 0.40 | - | - | - | <LOQ | |
| CBDA | Cannabidiolic acid | 0.40 | - | - | - | 12.6 | |
| Δ8THC | Delta-8 Tetrahydrocannabinol* | 0.40 | - | - | - | ND | |
| THCV | Tetrahydrocannabivarin* | 0.40 | - | - | - | ND | |
| CBG | Cannabigerol* | 0.40 | - | - | - | <LOQ | |
| CBGA | Cannabigerolic acid* | 0.40 | - | - | - | 0.750 | |
| CBC | Cannabichromene* | 0.40 | - | - | - | ND | |
| CBCA | Cannabichromenic acid* | 0.40 | - | - | - | ND | |
| CBN | Cannabinol | 0.40 | - | - | - | ND | |
| Total THC | Δ9THC + (THCA × 0.877) | - | - | - | - | 3.28 | |
| Total CBD | CBD + (CBDA × 0.877) | - | - | - | - | 11.0 | |
| Total | | - | - | - | - | 17.0 | |

Compliance

| | | | |
|-------------------------|---------------|--------------------------|--|
| Pesticides | Within limits | Analysis Date: 11/8/2019 | Pass  |
| Moisture Content | Within limits | Analysis Date: 11/8/2019 | Pass  |
| Water Activity | Within limits | Analysis Date: 11/8/2019 | Pass  |


 Bryce Kidd, Ph.D.
 Lab Director


 Aaron Troyer
 Chief Science Officer



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Terpene Analysis Date: 11/14/2019
 Terpene Batch ID: TRP_111419A

Method: JAOAC 2015.1
 Unit: %

| Analyte | Avg. | Notes |
|---------------------|---------|-----------------------------------|
| β-Caryophyllene | 0.244% | <div style="width: 24.4%;"></div> |
| β-Farnesene 2 | 0.167% | <div style="width: 16.7%;"></div> |
| Limonene | 0.138% | <div style="width: 13.8%;"></div> |
| Humulene | 0.0847% | <div style="width: 8.47%;"></div> |
| Guaiol | 0.0696% | <div style="width: 6.96%;"></div> |
| Linalool | 0.0632% | <div style="width: 6.32%;"></div> |
| Selinadiene | 0.0614% | <div style="width: 6.14%;"></div> |
| β-Myrcene | 0.0558% | <div style="width: 5.58%;"></div> |
| α-Terpineol | 0.0251% | <div style="width: 2.51%;"></div> |
| α-Pinene | 0.0207% | <div style="width: 2.07%;"></div> |
| β-Pinene | 0.0182% | <div style="width: 1.82%;"></div> |
| Terpinolene | 0.0109% | <div style="width: 1.09%;"></div> |
| Azulene | ND | <div style="width: 0%;"></div> |
| Borneol | ND | <div style="width: 0%;"></div> |
| Camphene | ND | <div style="width: 0%;"></div> |
| Camphore | ND | <div style="width: 0%;"></div> |
| Caryophyllene Oxide | ND | <div style="width: 0%;"></div> |
| Cedrol | ND | <div style="width: 0%;"></div> |
| Cymene | ND | <div style="width: 0%;"></div> |
| Eucalyptol | ND | <div style="width: 0%;"></div> |
| Fenchol | ND | <div style="width: 0%;"></div> |
| Fenchone | ND | <div style="width: 0%;"></div> |
| Geraniol | ND | <div style="width: 0%;"></div> |
| Geranyl Acetate | ND | <div style="width: 0%;"></div> |
| Isoborneol | ND | <div style="width: 0%;"></div> |
| Isopulegol | ND | <div style="width: 0%;"></div> |
| Nerol | ND | <div style="width: 0%;"></div> |
| Pulegone | ND | <div style="width: 0%;"></div> |
| Sabinene | ND | <div style="width: 0%;"></div> |

| Analyte | Avg. | Notes |
|------------------|---------------|--------------------------------|
| Sabinene Hydrate | ND | <div style="width: 0%;"></div> |
| Valencene | ND | <div style="width: 0%;"></div> |
| cis-Nerolidol | ND | <div style="width: 0%;"></div> |
| trans-Nerolidol | ND | <div style="width: 0%;"></div> |
| Δ3-Carene | ND | <div style="width: 0%;"></div> |
| α-Bisabolol | ND | <div style="width: 0%;"></div> |
| α-Cedrene | ND | <div style="width: 0%;"></div> |
| α-OCimene | ND | <div style="width: 0%;"></div> |
| α-Phellandrene | ND | <div style="width: 0%;"></div> |
| α-Terpinene | ND | <div style="width: 0%;"></div> |
| β-Farnesene 1 | ND | <div style="width: 0%;"></div> |
| β-OCimene | ND | <div style="width: 0%;"></div> |
| γ-Terpinene | ND | <div style="width: 0%;"></div> |
| γ-Terpineol | ND | <div style="width: 0%;"></div> |
| Total | 0.958% | |

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Pesticides Sample Data

Pesticides Analysis Date: 11/8/2019
 Pesticides Batch ID: PST_110819A

Method: EN 15662
 Unit: µg/g (ppm)

Pass 

| Analyte | FGZ-DGT-GCT | Limits | LOQ | Notes | Status | Analyte | FGZ-DGT-GCT | Limits | LOQ | Notes | Status |
|---------------------|-------------|--------|-----|-------|--------|--------------------|-------------|--------|-----|-------|--------|
| Abamectin | ND | 0.5 | 0.1 | | Pass | Metalaxyl | ND | 0.2 | 0.1 | | Pass |
| Acephate | ND | 0.4 | 0.1 | | Pass | Methiocarb | ND | 0.2 | 0.1 | | Pass |
| Acequinocyl | ND | 2.0 | 1.5 | | Pass | Methomyl | ND | 0.4 | 0.1 | | Pass |
| Acetamiprid | ND | 0.2 | 0.1 | | Pass | Methyl Parathion | ND | 0.2 | 0.2 | | Pass |
| Aldicarb | ND | 0.4 | 0.1 | | Pass | MGK-264 | ND | 0.2 | 0.2 | | Pass |
| Azoxystrobin | ND | 0.2 | 0.1 | | Pass | Myclobutanil | ND | 0.2 | 0.1 | | Pass |
| Bifenazate | ND | 0.2 | 0.1 | | Pass | Naled | ND | 0.5 | 0.2 | | Pass |
| Bifenthrin | ND | 0.2 | 0.1 | | Pass | Oxamyl | ND | 1.0 | 0.1 | | Pass |
| Boscalid | ND | 0.4 | 0.1 | | Pass | Paclobutrazol | ND | 0.4 | 0.1 | | Pass |
| Carbaryl | ND | 0.2 | 0.1 | | Pass | Permethrins | ND | 0.2 | 0.1 | | Pass |
| Carbofuran | ND | 0.2 | 0.1 | | Pass | Phosmet | ND | 0.2 | 0.1 | | Pass |
| Chlorantraniliprole | ND | 0.2 | 0.1 | | Pass | Piperonyl Butoxide | ND | 2.0 | 0.1 | | Pass |
| Chlorfenapyr | ND | 1.0 | 0.1 | | Pass | Prallethrin | ND | 0.2 | 0.1 | | Pass |
| Chlorpyrifos | ND | 0.2 | 0.1 | | Pass | Propiconazole | ND | 0.4 | 0.1 | | Pass |
| Clofentezine | ND | 0.2 | 0.1 | | Pass | Propoxur | ND | 0.2 | 0.1 | | Pass |
| Cyfluthrin | ND | 1.0 | 0.5 | | Pass | Pyrethrins | ND | 1.0 | 0.5 | | Pass |
| Cypermethrin | ND | 1.0 | 0.1 | | Pass | Pyridaben | ND | 0.2 | 0.1 | | Pass |
| Daminozide | ND | 1.0 | 0.5 | | Pass | Spinosad | ND | 0.2 | 0.1 | | Pass |
| Diazinon | ND | 0.2 | 0.1 | | Pass | Spiromesifen | ND | 0.2 | 0.1 | | Pass |
| Dichlorvos (DDVP) | ND | 1.0 | 0.5 | | Pass | Spirotetramat | ND | 0.2 | 0.1 | | Pass |
| Dimethoate | ND | 0.2 | 0.1 | | Pass | Spiroxamine | ND | 0.4 | 0.1 | | Pass |
| Ethoprophos | ND | 0.2 | 0.1 | | Pass | Tebuconazole | ND | 0.4 | 0.1 | | Pass |
| Etofenprox | ND | 0.4 | 0.1 | | Pass | Thiacloprid | ND | 0.2 | 0.1 | | Pass |
| Etoxazole | ND | 0.2 | 0.1 | | Pass | Thiamethoxam | ND | 0.2 | 0.1 | | Pass |
| Fenoxycarb | ND | 0.2 | 0.1 | | Pass | Trifloxystrobin | ND | 0.2 | 0.1 | | Pass |
| Fenpyroximate | ND | 0.4 | 0.1 | | Pass | | | | | | |
| Fipronil | ND | 0.4 | 0.1 | | Pass | | | | | | |
| Flonicamid | ND | 1.0 | 0.1 | | Pass | | | | | | |
| Fludioxonil | ND | 0.4 | 0.1 | | Pass | | | | | | |
| Hexythiazox | ND | 1.0 | 0.1 | | Pass | | | | | | |
| Imazalil | ND | 0.2 | 0.1 | | Pass | | | | | | |
| Imidacloprid | ND | 0.4 | 0.1 | | Pass | | | | | | |
| Kresoxim-methyl | ND | 0.4 | 0.1 | | Pass | | | | | | |
| Malathion | ND | 0.2 | 0.1 | | Pass | | | | | | |

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 1A40103000019CA000008266

Harvest/Process Date: 9/24/2019
 Report ID:
LS-191115-1

Pesticides Quality Control Data

Pesticides QC Analysis Date: 11/8/2019
 Pesticides QC Batch ID: PST_110819A

Method: EN 15662
 Unit: µg/g (ppm)

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes | Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---------------------|-------|-----|-------|-----------|-------------|------------|-------|--------------------|-------|-----|-------|-----------|-------------|------------|-------|
| Abamectin | ND | 0.1 | 1.17 | 1.00 | 117 | 50 - 150 | | Metalaxyl | ND | 0.1 | 1.04 | 1.00 | 104 | 50 - 150 | |
| Acephate | ND | 0.1 | 0.541 | 1.00 | 54.1 | 50 - 150 | | Methiocarb | ND | 0.1 | 1.54 | 1.00 | 154 | 50 - 150 | ME |
| Acequinocyl | ND | 1.5 | ND | 1.00 | 0.00 | 50 - 150 | ND | Methomyl | ND | 0.1 | 0.652 | 1.00 | 65.2 | 50 - 150 | |
| Acetamiprid | ND | 0.1 | 0.788 | 1.00 | 78.8 | 50 - 150 | | Methyl Parathion | ND | 0.2 | 0.233 | 1.00 | 23.3 | 30 - 150 | LR |
| Aldicarb | ND | 0.1 | 0.657 | 1.00 | 65.7 | 50 - 150 | | MGK-264 | ND | 0.2 | 1.28 | 0.600 | 213 | 50 - 150 | HB |
| Azoxystrobin | ND | 0.1 | 0.944 | 1.00 | 94.4 | 50 - 150 | | Myclobutanil | ND | 0.1 | 1.02 | 1.00 | 102 | 50 - 150 | |
| Bifenazate | ND | 0.1 | 0.833 | 1.00 | 83.3 | 50 - 150 | | Naled | ND | 0.2 | 0.849 | 1.00 | 84.9 | 50 - 150 | |
| Bifenthrin | ND | 0.1 | 1.43 | 1.00 | 143 | 50 - 150 | | Oxamyl | ND | 0.1 | 0.703 | 1.00 | 70.3 | 50 - 150 | |
| Boscalid | ND | 0.1 | 0.978 | 1.00 | 97.8 | 50 - 150 | | Paclobutrazol | ND | 0.1 | 0.731 | 1.00 | 73.1 | 50 - 150 | |
| Carbaryl | ND | 0.1 | 0.751 | 1.00 | 75.1 | 50 - 150 | | Permethrins | ND | 0.1 | 1.36 | 1.00 | 136 | 50 - 150 | |
| Carbofuran | ND | 0.1 | 0.889 | 1.00 | 88.9 | 50 - 150 | | Phosmet | ND | 0.1 | 1.11 | 1.00 | 111 | 50 - 150 | |
| Chlorantraniliprole | ND | 0.1 | 1.25 | 1.00 | 125 | 50 - 150 | | Piperonyl Butoxide | ND | 0.1 | 1.05 | 1.00 | 105 | 50 - 150 | |
| Chlorfenapyr | ND | 0.1 | 0.819 | 1.00 | 81.9 | 50 - 150 | | Prallethrin | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Chlorpyrifos | ND | 0.1 | 1.02 | 1.00 | 102 | 50 - 150 | | Propiconazole | ND | 0.1 | 1.11 | 1.00 | 111 | 50 - 150 | |
| Clofentezine | ND | 0.1 | 1.32 | 1.00 | 132 | 50 - 150 | | Propoxur | ND | 0.1 | 0.855 | 1.00 | 85.5 | 50 - 150 | |
| Cyfluthrin | ND | 0.5 | 0.805 | 1.00 | 80.5 | 50 - 150 | | Pyrethrins | ND | 0.5 | 2.23 | 1.00 | 223 | 50 - 150 | HB |
| Cypermethrin | ND | 0.1 | 1.23 | 1.00 | 123 | 50 - 150 | | Pyridaben | ND | 0.1 | 1.22 | 1.00 | 122 | 50 - 150 | |
| Daminozide | ND | 0.5 | 0.561 | 1.00 | 56.1 | 10 - 150 | | Spinosad | ND | 0.1 | 1.02 | 1.00 | 102 | 50 - 150 | |
| Diazinon | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | | Spiromesifen | ND | 0.1 | 1.76 | 1.00 | 176 | 50 - 150 | HB |
| Dichlorvos (DDVP) | ND | 0.5 | 0.597 | 1.00 | 59.7 | 50 - 150 | | Spirotetramat | ND | 0.1 | 1.18 | 1.00 | 118 | 50 - 150 | |
| Dimethoate | ND | 0.1 | 0.797 | 1.00 | 79.7 | 50 - 150 | | Spiroxamine | ND | 0.1 | 0.727 | 1.00 | 72.7 | 50 - 150 | |
| Ethoprophos | ND | 0.1 | 0.966 | 1.00 | 96.6 | 50 - 150 | | Tebuconazole | ND | 0.1 | 0.946 | 1.00 | 94.6 | 50 - 150 | |
| Etofenprox | ND | 0.1 | 1.36 | 1.00 | 136 | 50 - 150 | | Thiacloprid | ND | 0.1 | 1.07 | 1.00 | 107 | 50 - 150 | |
| Etoxazole | ND | 0.1 | 1.42 | 1.00 | 142 | 50 - 150 | | Thiamethoxam | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Fenoxycarb | ND | 0.1 | 1.27 | 1.00 | 127 | 50 - 150 | | Trifloxystrobin | ND | 0.1 | 1.04 | 1.00 | 104 | 50 - 150 | |
| Fenpyroximate | ND | 0.1 | 1.16 | 1.00 | 116 | 50 - 150 | | | | | | | | | |
| Fipronil | ND | 0.1 | 0.760 | 1.00 | 76.0 | 50 - 150 | | | | | | | | | |
| Flonicamid | ND | 0.1 | 0.791 | 1.00 | 79.1 | 50 - 150 | | | | | | | | | |
| Fludioxonil | ND | 0.1 | 0.916 | 1.00 | 91.6 | 50 - 150 | | | | | | | | | |
| Hexythiazox | ND | 0.1 | 0.799 | 1.00 | 79.9 | 50 - 150 | | | | | | | | | |
| Imazalil | ND | 0.1 | 0.854 | 1.00 | 85.4 | 50 - 150 | | | | | | | | | |
| Imidacloprid | ND | 0.1 | 0.918 | 1.00 | 91.8 | 50 - 150 | | | | | | | | | |
| Kresoxim-methyl | ND | 0.1 | 1.36 | 1.00 | 136 | 50 - 150 | | | | | | | | | |
| Malathion | ND | 0.1 | 1.06 | 1.00 | 106 | 50 - 150 | | | | | | | | | |

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Metric Sample ID:
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Qualifier Flag Descriptions

| | |
|------------|--|
| J | Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL) |
| U | The analyte was not detected in the sample at the estimated detection limit (EDL) |
| E | Exceeds calibration range |
| D | Dilution data - result was obtained from the analysis of a dilution |
| B | Analyte found in sample and associated blank |
| C | Co-eluting compound |
| R | Relative Percent Difference (RPD) outside control limits |
| NR | Analyte not reported because of problems in sample preparation or analysis |
| ND | Non-Detect |
| X | Results from reinjection/repeat/re-column data |
| EMC | Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria |
| M | Manual integration |
| PS | Peaks split |
| HB | Control acceptance criteria are exceeded high and the associated sample is below the detection limit |
| LB | Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit |
| ME | Marginal Exceedance |
| LR | Low Recovery Analyte |
| LOQ | Limit of Quantitation |