



Anova Laboratory, LLC
 1685 Tucker Road
 Hood River, OR 97031
 541.387.4020 (office)
 866.293.1337 (fax)

Certificate of Analysis

Sofresh Farms
 27135 S. Gribble Rd.
 Canby, OR 97013
 Michelle Haworth
 Lic Num: 020-1000010499D8

Strain: Super Silver Haze
 Matrix: Flower
 CTS Batch #: 1A4010300001E17000006226
 Lot Number: Super Silver Haze 3/14/19
 Lot Size (lb): 4.88
 Client CTS Sample ID: SOF_6211
 Collected: 5/6/2019 11:55
 Received: 5/6/2019 16:08
 Anova Sample ID: 079191260306

| Analysis Performed | Date Analyzed | Result | fn | Reporting Units | Reporting Criterion | Pass/Fail |
|---|---------------|--------------|----|-----------------|---------------------|-----------|
| Giese 2015 | | | | | | |
| Cannabidiol (CBD) by HPLC | 5/13/2019 | < 0.02 | | % Mass | n/a | n/a |
| Cannabidiolic acid (CBDA) by HPLC | 5/13/2019 | 0.08 | | % Mass | n/a | n/a |
| Cannabinol (CBN) by HPLC | 5/13/2019 | < 0.02 | | % Mass | n/a | n/a |
| delta-9-Tetrahydrocannabinol (d9-THC) by HPLC | 5/13/2019 | 0.52 | | % Mass | n/a | n/a |
| delta-9-Tetrahydrocannabinolic acid (d9-THCA) by HPLC | 5/13/2019 | 31.6 | | % Mass | n/a | n/a |
| Total CBD (Calculated) | 5/13/2019 | 0.07 | | % Mass | n/a | n/a |
| Total THC (Calculated) | 5/13/2019 | 28.2 | | % Mass | n/a | n/a |
| FET_HSGC | | | | | | |
| Terpene Profile | 5/13/2019 | see attached | | mg/g | n/a | n/a |
| AOAC Method 934.01 | | | | | | |
| Moisture (Loss on Drying) | 5/8/2019 | 11.14 | | % Mass | 15 max | Pass |
| AOAC Method 978.18 | | | | | | |
| Water Activity | 5/8/2019 | 0.38 | | aW | 0.65 max | Pass |
| AOAC 2007.01 and EN 15662: LC-MS/MS | | | | | | |
| Abamectin (CAS# 71751-41-2) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 0.5 max | Pass |
| Acephate (CAS# 30560-19-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Acequinocyl (CAS# 57960-19-7) | 5/13/2019 | < 0.20 | | ppm (ug/g) | 2 max | Pass |
| Acetamiprid (CAS# 135410-20-7) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Aldicarb (CAS# 116-06-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Azoxystrobin (CAS# 131860-33-8) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Bifenazate (CAS# 149877-41-8) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Bifenthrin (CAS# 82657-04-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Boscalid (CAS# 188425-85-6) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |

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| Carbaryl (CAS# 63-25-2) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Carbofuran (CAS# 1563-66-2) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Chlorantraniliprole (CAS# 500008-45-7) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Chlorpyrifos (CAS# 2921-88-2) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Clofentezine (CAS# 74115-24-5) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Cyfluthrin (CAS# 68359-37-5) | 5/13/2019 | < 0.20 | | ppm (ug/g) | 1 max | Pass |
| Cypermethrin (CAS# 52315-07-8) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 1 max | Pass |
| Daminozide (CAS# 1596-84-5) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 1 max | Pass |
| DDVP (Dichlorvos) (CAS# 62-73-7) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 1 max | Pass |
| Diazinon (CAS# 333-41-5) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Dimethoate (CAS# 60-51-5) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Ethoprophos (CAS# 13194-48-4) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Etofenprox (CAS# 80844-07-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Etoxazole (CAS# 153233-91-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Fenoxycarb (CAS# 72490-01-8) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Fenpyroximate (CAS# 134098-61-6) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Fipronil (CAS# 120068-37-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Flonicamid (CAS# 158062-67-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 1 max | Pass |
| Fludioxonil (CAS# 131341-86-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Hexythiazox (CAS# 78587-05-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 1 max | Pass |
| Imazalil (CAS# 35554-44-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Imidacloprid (CAS# 138261-41-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Kresoxim-methyl (CAS# 143390-89-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Malathion (CAS# 121-75-5) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Metalaxyl (CAS# 57837-19-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |

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| Methiocarb (CAS# 2032-65-7) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Methomyl (CAS# 16752-77-5) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| MGK-264 (CAS#113-48-4) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Myclobutanil (CAS# 88671-89-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Naled (CAS# 300-76-5) | 5/13/2019 | < 0.20 | | ppm (ug/g) | 0.5 max | Pass |
| Oxamyl (CAS# 23135-22-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 1 max | Pass |
| Paclobutrazol (CAS# 76738-62-0) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Permethrins (CAS# 52645-53-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Phosmet (CAS#732-11-6) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Piperonyl butoxide (CAS# 51-03-6) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 2 max | Pass |
| Prallethrin (CAS# 23031-36-9) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Propiconazole (CAS# 60207-90-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Propoxur (CAS# 114-26-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Pyrethrins (CAS# 8003-34-7) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 1 max | Pass |
| Pyridaben (CAS# 96489-71-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Spinosad (Spinosyn A & D) (CAS# 168316-95-8) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Spiromesifen (CAS# 283594-90-1) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 0.2 max | Pass |
| Spirotetramat (CAS# 23313-25-1) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Spiroxamine (CAS# 11834-30-8) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Tebuconazole (CAS# 107534-96-3) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.4 max | Pass |
| Thiacloprid (CAS# 11988-49-9) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Thiamethoxam (CAS# 153719-23-4) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| Trifloxystrobin (CAS# 141517-21-7) | 5/13/2019 | < 0.05 | | ppm (ug/g) | 0.2 max | Pass |
| AOAC 2007.01 and EN 15662: GC-MS/MS | | | | | | |
| Chlorfenapyr (CAS# 122453-73-0) | 5/13/2019 | < 0.20 | | ppm (ug/g) | 1 max | Pass |

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| Methyl parathion (CAS# 298-00-0) | 5/13/2019 | < 0.10 | | ppm (ug/g) | 0.2 max | Pass |
| Quality Control Analyses | | | | | | |
| LCS_Pesticides (LC-MS/MS) | 5/13/2019 | positive control | | ppm (ug/g) | positive control | Pass |
| Method Blank_Pesticides (LC-MS/MS) | 5/13/2019 | clear | | ppm (ug/g) | clear | Pass |
| LCS_Pesticides (GC-MS/MS) | 5/13/2019 | positive control | | ppm (ug/g) | positive control | Pass |
| Method Blank_Pesticides (GC-MS/MS) | 5/13/2019 | clear | | ppm (ug/g) | clear | Pass |

Footnotes:

Acceptance criteria are found in the Oregon Administrative Rule. Analyses are performed in accordance with the most current methods.

Potency results reported on a dry weight basis.

Laboratory Control Sample (LCS) - The percent recovery for target analytes in the batch LCS Quality Control samples support data acceptance.

Method Blank (MB) - The chromatographic regions evaluated for detection were absent of the respective target analytes at or above the Limit of Quantitation (LOQ).

Reviewed By: J. Fetkenhour, Technical Director

Date: 5/13/2019

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