

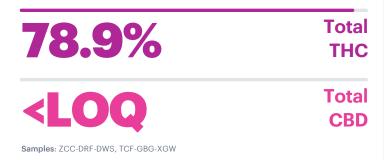
info@lightscale.com 27 ORELAP #4112 OLCC #010-1003340D344

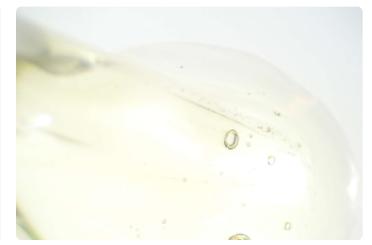
# **525 - Astral Breathworks RCO 10.2.20**

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID: 1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

#### Potency

Potency Analysis Date: 10/9/2020 Potency Batch ID: CAN\_100920C Potency Method: JAOAC 2015.1





| Analyte      | Description                   | LOQ  | RPD  | Min.  | Max.  | Avg.                          |   |
|--------------|-------------------------------|------|------|---|---|-------------------------------|---|
| <b>Δ9THC</b> | Delta-9 Tetrahydrocannabinol  | 0.16 | 1.59 | 78.3  | 79.5  | 78.9                          | _ |
| THCA         | Tetrahydrocannabinolic acid   | 0.16 | 0.00 | <l0q< td=""><td><l0q< td=""><td><l0q< td=""><td>_</td></l0q<></td></l0q<></td></l0q<> | <l0q< td=""><td><l0q< td=""><td>_</td></l0q<></td></l0q<> | <l0q< td=""><td>_</td></l0q<> | _ |
| CBD          | Cannabidiol                   | 0.16 | 0.00 | ND  | <l0q< td=""><td><l0q< td=""><td>_</td></l0q<></td></l0q<> | <l0q< td=""><td>_</td></l0q<> | _ |
| CBDA         | Cannabidiolic acid            | 0.16 | 0.00 | ND  | ND  | ND                            | _ |
| <b>∆8THC</b> | Delta-8 Tetrahydrocannabinol* | 0.16 | 0.00 | ND  | ND  | ND                            | _ |
| THCV         | Tetrahydrocannabivarin*       | 0.16 | 77.3 | <l0q< td=""><td>0.361</td><td>0.361</td><td>•</td></l0q<>                             | 0.361   | 0.361                         | • |
| CBG          | Cannabigerol*                 | 0.16 | 21.1 | 1.49  | 1.85  | 1.67                          | • |
| CBGA         | Cannabigerolic acid*          | 0.16 | 0.00 | ND  | <l0q< td=""><td><l0q< td=""><td>_</td></l0q<></td></l0q<> | <l0q< td=""><td>_</td></l0q<> | _ |
| CBC          | Cannabichromene*              | 0.16 | 8.30 | 0.967   | 1.05  | 1.01                          | • |
| CBCA         | Cannabichromenic acid*        | 0.16 | 0.00 | ND  | ND  | ND                            | _ |
| CBN          | Cannabinol                    | 0.16 | 21.5 | <l0q< td=""><td>0.199</td><td>0.199</td><td>•</td></l0q<>                             | 0.199   | 0.199                         | • |
| Total THC    | Δ9THC + (THCA × 0.877)        |      | 1.59 | 78.3  | 79.5  | 78.9                          | _ |
| Total CBD    | CBD + (CBDA × 0.877)          |      | 0.00 | ND  | <l0q< td=""><td><l0q< td=""><td>_</td></l0q<></td></l0q<> | <l0q< td=""><td>_</td></l0q<> | _ |
| Total        |                               |      | 2.27 | 80.7  | 83.0  | 82.1                          |   |

#### Compliance

| Pesticides | Within limits | Analysis Date: 10/9/2020 | Pass ⊘ |
|------------|---------------|--------------------------|--------|
| Solvents   | Within limits | Analysis Date: 10/9/2020 | Pass ⊘ |
| Potency    | Within limits | Analysis Date: 10/9/2020 | Pass ⊘ |

Hupe Attas Bryce Kidd, Ph.D. Lab Director

Aaron Troyer

Chief Science Officer



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# **525 - Astral Breathworks RCO 10.2.20**

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653



#### Terpenes\* Sample Data

Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID:

1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276

Terpene Analysis Date: 10/9/2020 Terpene Batch ID: TRP 100920A Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

Method: JAOAC 2015.1 Unit: %

| Analyte             | Avg.     | Notes |
|---------------------|----------|-------|
| β-Caryophyllene     | 1.99%    |       |
| Humulene            | 0.715%   |       |
| Linalool            | 0.430%   |       |
| Limonene            | 0.245%   | -     |
| a-Terpineol         | 0.217%   | -     |
| α-Bisabolol         | 0.181%   | •     |
| β-Myrcene           | 0.100%   | •     |
| β-Pinene            | 0.0354%  | •     |
| Sabinene            | 0.0309%  | •     |
| Selinadiene         | 0.0301%  | •     |
| β-Ocimene           | 0.0189%  | •     |
| a-Pinene            | 0.0177%  | •     |
| Terpinolene         | 0.0133%  | •     |
| Eucalyptol          | 0.0105%  | •     |
| Geraniol            | 0.00767% | •     |
| Camphene            | 0.00676% | •     |
| Fenchone            | 0.00639% | •     |
| a-Terpinene         | 0.00462% | •     |
| γ-Terpinene         | 0.00455% | •     |
| ∆3-Carene           | 0.00323% | •     |
| Azulene             | ND       |       |
| Borneol             | ND       |       |
| Camphore            | ND       |       |
| Caryophyllene Oxide | ND       |       |
| Cedrol              | ND       |       |
| Cymene              | ND       |       |
| Fenchol             | ND       |       |
| Geranyl Acetate     | ND       |       |
| Guaiol              | ND       |       |
|                     |          |       |

| Analyte          | Avg.  | Notes |
|------------------|-------|-------|
| Isoborneol       | ND    |       |
| Isopulegol       | ND    |       |
| Nerol            | ND    |       |
| Pulegone         | ND    |       |
| Sabinene Hydrate | ND    |       |
| Valencene        | ND    |       |
| cis-Nerolidol    | ND    |       |
| trans-Nerolidol  | ND    |       |
| a-Cedrene        | ND    |       |
| a-Ocimene        | ND    |       |
| α-Phellandrene   | ND    |       |
| β-Farnesene 1    | ND    |       |
| β-Farnesene 2    | ND    |       |
| γ-Terpineol      | ND    |       |
| Total            | 4.07% |       |



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### 525 - Astral Breathworks RCO 10.2.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653

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#### Pesticides

Sample Data

Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID:

1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

Pesticides Analysis Date: 10/9/2020 Pesticides Batch ID: PST\_100920A **Method**: EN 15662 **Unit:** μg/g (ppm) Pass 🥪

| Analyte             | ZCC-DRF-DWS | TCF-GBG-XGW | Limits | LOQ | Notes | Status |
|---------------------|-------------|-------------|--------|-----|-------|--------|
| Abamectin           | ND          | ND          | 0.5    | 0.1 |       | Pass   |
| Acephate            | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Acequinocyl         | ND          | ND          | 2.0    | 1.5 |       | Pass   |
| Acetamiprid         | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Aldicarb            | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Azoxystrobin        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Bifenazate          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Bifenthrin          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Boscalid            | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Carbaryl            | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Carbofuran          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Chlorantraniliprole | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Chlorfenapyr        | ND          | ND          | 1.0    | 0.1 |       | Pass   |
| Chlorpyrifos        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Clofentezine        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Cyfluthrin          | ND          | ND          | 1.0    | 0.5 |       | Pass   |
| Cypermethrin        | ND          | ND          | 1.0    | 0.1 |       | Pass   |
| Daminozide          | ND          | ND          | 1.0    | 0.5 |       | Pass   |
| Diazinon            | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Dichlorvos (DDVP)   | ND          | ND          | 1.0    | 0.5 |       | Pass   |
| Dimethoate          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Ethoprophos         | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Etofenprox          | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Etoxazole           | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Fenoxycarb          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Fenpyroximate       | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Fipronil            | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Flonicamid          | ND          | ND          | 1.0    | 0.1 |       | Pass   |
| Fludioxonil         | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Hexythiazox         | ND          | ND          | 1.0    | 0.1 |       | Pass   |
| Imazalil            | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Imidacloprid        | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Kresoxim-methyl     | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Malathion           | ND          | ND          | 0.2    | 0.1 |       | Pass   |

| Analyte            | ZCC-DRF-DWS | TCF-GBG-XGW | Limits | LOQ | Notes | Status |
|--------------------|-------------|-------------|--------|-----|-------|--------|
| Metalaxyl          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Methiocarb         | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Methomyl           | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Methyl Parathion   | ND          | ND          | 0.2    | 0.2 |       | Pass   |
| MGK-264            | ND          | ND          | 0.2    | 0.2 |       | Pass   |
| Myclobutanil       | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Naled              | ND          | ND          | 0.5    | 0.2 |       | Pass   |
| Oxamyl             | ND          | ND          | 1.0    | 0.1 |       | Pass   |
| Paclobutrazol      | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Permethrins        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Phosmet            | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Piperonyl Butoxide | ND          | ND          | 2.0    | 1.0 |       | Pass   |
| Prallethrin        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Propiconazole      | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Propoxur           | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Pyrethrins         | ND          | ND          | 1.0    | 0.5 |       | Pass   |
| Pyridaben          | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Spinosad           | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Spiromesifen       | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Spirotetramat      | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Spiroxamine        | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Tebuconazole       | ND          | ND          | 0.4    | 0.1 |       | Pass   |
| Thiacloprid        | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Thiamethoxam       | ND          | ND          | 0.2    | 0.1 |       | Pass   |
| Trifloxystrobin    | ND          | ND          | 0.2    | 0.1 |       | Pass   |



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### 525 - Astral Breathworks RCO 10.2.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653

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Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID: 1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

Pesticides QC Analysis Date: 10/9/2020 Pesticides QC Batch ID: PST\_100920A Method: EN 15662 Unit: μg/g (ppm)

#### Pesticides Quality Control Data

| Analyte             | Blank | LOQ | LCS   | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---------------------|-------|-----|-------|-----------|-------------|------------|-------|
| Abamectin           | ND    | 0.1 | 1.02  | 1.00      | 102         | 50 - 150   |       |
| Acephate            | ND    | 0.1 | 0.882 | 1.00      | 88.2        | 50 - 150   |       |
| Acequinocyl         | ND    | 1.5 | 1.04  | 1.00      | 104         | 50 - 150   |       |
| Acetamiprid         | ND    | 0.1 | 0.878 | 1.00      | 87.8        | 50 - 150   |       |
| Aldicarb            | ND    | 0.1 | 0.876 | 1.00      | 87.6        | 50 - 150   |       |
| Azoxystrobin        | ND    | 0.1 | 0.991 | 1.00      | 99.1        | 50 - 150   |       |
| Bifenazate          | ND    | 0.1 | 1.88  | 1.00      | 188         | 50 - 150   | HB    |
| Bifenthrin          | ND    | 0.1 | 0.958 | 1.00      | 95.8        | 50 - 150   |       |
| Boscalid            | ND    | 0.1 | 0.973 | 1.00      | 97.3        | 50 - 150   |       |
| Carbaryl            | ND    | 0.1 | 0.832 | 1.00      | 83.2        | 50 - 150   |       |
| Carbofuran          | ND    | 0.1 | 0.823 | 1.00      | 82.3        | 50 - 150   |       |
| Chlorantraniliprole | ND    | 0.1 | 0.953 | 1.00      | 95.3        | 50 - 150   |       |
| Chlorfenapyr        | ND    | 0.1 | 1.03  | 1.00      | 103         | 50 - 150   |       |
| Chlorpyrifos        | ND    | 0.1 | 0.979 | 1.00      | 97.9        | 50 - 150   |       |
| Clofentezine        | ND    | 0.1 | 0.913 | 1.00      | 91.3        | 50 - 150   |       |
| Cyfluthrin          | ND    | 0.5 | 0.981 | 1.00      | 98.1        | 50 - 150   |       |
| Cypermethrin        | ND    | 0.1 | 0.948 | 1.00      | 94.8        | 50 - 150   |       |
| Daminozide          | ND    | 0.5 | 0.392 | 1.00      | 39.2        | 10 - 150   |       |
| Diazinon            | ND    | 0.1 | 0.970 | 1.00      | 97.0        | 50 - 150   |       |
| Dichlorvos (DDVP)   | ND    | 0.5 | 1.01  | 1.00      | 101         | 50 - 150   |       |
| Dimethoate          | ND    | 0.1 | 0.934 | 1.00      | 93.4        | 50 - 150   |       |
| Ethoprophos         | ND    | 0.1 | 0.930 | 1.00      | 93.0        | 50 - 150   |       |
| Etofenprox          | ND    | 0.1 | 0.962 | 1.00      | 96.2        | 50 - 150   |       |
| Etoxazole           | ND    | 0.1 | 0.895 | 1.00      | 89.5        | 50 - 150   |       |
| Fenoxycarb          | ND    | 0.1 | 0.993 | 1.00      | 99.3        | 50 - 150   |       |
| Fenpyroximate       | ND    | 0.1 | 1.01  | 1.00      | 101         | 50 - 150   |       |
| Fipronil            | ND    | 0.1 | 0.912 | 1.00      | 91.2        | 50 - 150   |       |
| Flonicamid          | ND    | 0.1 | 0.823 | 1.00      | 82.3        | 50 - 150   |       |
| Fludioxonil         | ND    | 0.1 | 0.933 | 1.00      | 93.3        | 50 - 150   |       |
| Hexythiazox         | ND    | 0.1 | 0.989 | 1.00      | 98.9        | 50 - 150   |       |
| Imazalil            | ND    | 0.1 | 1.18  | 1.00      | 118         | 50 - 150   |       |
| Imidacloprid        | ND    | 0.1 | 0.843 | 1.00      | 84.3        | 50 - 150   |       |
| Kresoxim-methyl     | ND    | 0.1 | 0.916 | 1.00      | 91.6        | 50 - 150   |       |
| Malathion           | ND    | 0.1 | 0.936 | 1.00      | 93.6        | 50 - 150   |       |

| Analyte            | Blank | LOQ | LCS   | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|--------------------|-------|-----|-------|-----------|-------------|------------|-------|
| Metalaxyl          | ND    | 0.1 | 0.956 | 1.00      | 95.6        | 50 - 150   |       |
| Methiocarb         | ND    | 0.1 | 0.939 | 1.00      | 93.9        | 50 - 150   |       |
| Methomyl           | ND    | 0.1 | 0.767 | 1.00      | 76.7        | 50 - 150   |       |
| Methyl Parathion   | ND    | 0.2 | 1.71  | 1.00      | 171         | 30 - 150   | ME    |
| MGK-264            | ND    | 0.2 | 0.623 | 0.600     | 104         | 50 - 150   |       |
| Myclobutanil       | ND    | 0.1 | 1.00  | 1.00      | 100         | 50 - 150   |       |
| Naled              | ND    | 0.2 | 0.943 | 1.00      | 94.3        | 50 - 150   |       |
| Oxamyl             | ND    | 0.1 | 0.844 | 1.00      | 84.4        | 50 - 150   |       |
| Paclobutrazol      | ND    | 0.1 | 0.789 | 1.00      | 78.9        | 50 - 150   |       |
| Permethrins        | ND    | 0.1 | 0.683 | 1.00      | 68.3        | 50 - 150   |       |
| Phosmet            | ND    | 0.1 | 0.914 | 1.00      | 91.4        | 50 - 150   |       |
| Piperonyl Butoxide | ND    | 1.0 | 1.09  | 1.00      | 109         | 50 - 150   |       |
| Prallethrin        | ND    | 0.1 | 0.930 | 1.00      | 93.0        | 50 - 150   |       |
| Propiconazole      | ND    | 0.1 | 0.974 | 1.00      | 97.4        | 50 - 150   |       |
| Propoxur           | ND    | 0.1 | 0.937 | 1.00      | 93.7        | 50 - 150   |       |
| Pyrethrins         | ND    | 0.5 | 0.649 | 1.00      | 64.9        | 50 - 150   |       |
| Pyridaben          | ND    | 0.1 | 0.928 | 1.00      | 92.8        | 50 - 150   |       |
| Spinosad           | ND    | 0.1 | 1.03  | 1.00      | 103         | 50 - 150   |       |
| Spiromesifen       | ND    | 0.1 | 0.932 | 1.00      | 93.2        | 50 - 150   |       |
| Spirotetramat      | ND    | 0.1 | 1.06  | 1.00      | 106         | 50 - 150   |       |
| Spiroxamine        | ND    | 0.1 | 0.999 | 1.00      | 99.9        | 50 - 150   |       |
| Tebuconazole       | ND    | 0.1 | 0.987 | 1.00      | 98.7        | 50 - 150   |       |
| Thiacloprid        | ND    | 0.1 | 0.957 | 1.00      | 95.7        | 50 - 150   |       |
| Thiamethoxam       | ND    | 0.1 | 0.850 | 1.00      | 85.0        | 50 - 150   |       |
| Trifloxystrobin    | ND    | 0.1 | 0.918 | 1.00      | 91.8        | 50 - 150   |       |
|                    |       |     |       |           |             |            |       |



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## **525 - Astral Breathworks RCO 10.2.20**

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653

Sample Data

Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020



Metrc Batch ID: 1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

Solvents Analysis Date: 10/9/2020 Solvents Batch ID: RES\_100920A Method: EPA 5021A Unit: µg/g (ppm)

| Pass | $\odot$ |
|------|---------|
|      |         |

| Analyte                  | ZCC-DRF-DWS | TCF-GBG-XGW | RPD (%) | Limits | LOQ   | Notes | Status |
|--------------------------|-------------|-------------|---------|--------|-------|-------|--------|
| 1,4-Dioxane              | ND          | ND          | 0.00    | 380.0  | 50.0  | Notes | Pass   |
| 2-Butanol                | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| 2-Ethoxyethanol          | ND          | ND          | 0.00    | 160.0  | 50.0  |       | Pass   |
| Acetone                  | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Acetonitrile             | ND          | ND          | 0.00    | 410.0  | 50.0  |       | Pass   |
| Benzene                  | ND          | ND          | 0.00    | 2.0    | 2.0   |       | Pass   |
| Butanes                  | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Cumene                   | ND          | ND          | 0.00    | 70.0   | 50.0  |       | Pass   |
| Cyclohexane              | ND          | ND          | 0.00    | 3880.0 | 50.0  |       | Pass   |
| Ethyl Acetate            | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Ethyl Ether              | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Ethylene Glycol          | ND          | ND          | 0.00    | 620.0  | 250.0 |       | Pass   |
| Ethylene Oxide           | ND          | ND          | 0.00    | 50.0   | 50.0  |       | Pass   |
| Heptane                  | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Hexanes                  | ND          | ND          | 0.00    | 290.0  | 50.0  |       | Pass   |
| Isopropanol (2-Propanol) | ND          | ND          | 0.00    | 5000.0 | 50.0  |       | Pass   |
| Isopropyl Acetate        | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Methanol                 | ND          | ND          | 0.00    | 3000.0 | 250.0 |       | Pass   |
| Dichloromethane          | ND          | ND          | 0.00    | 600.0  | 50.0  |       | Pass   |
| Pentanes                 | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Propane                  | ND          | ND          | 0.00    | 5000.0 | 250.0 |       | Pass   |
| Tetrahydrofuran          | ND          | ND          | 0.00    | 720.0  | 50.0  |       | Pass   |
| Toluene                  | ND          | ND          | 0.00    | 890.0  | 50.0  |       | Pass   |
| Xylenes                  | ND          | ND          | 0.00    | 2170.0 | 50.0  |       | Pass   |



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### 525 - Astral Breathworks RCO 10.2.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID: 1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

| Residual Solvents Quality Control Da |       |       |      | Solvents QC Analysis D<br>Solvents QC Batch ID: I |             | Method: EPA 5021A<br>Unit: µg/g (ppm) |       |
|--------------------------------------|-------|-------|------|---|-------------|---------------------------------------|-------|
| Analyte                              | Blank | LOQ   | LCS  | LCS Spike   | LCS Rec (%) | Limits (%)                            | Notes |
| 1,4-Dioxane                          | ND    | 50.0  | 942  | 1000  | 94.2        | 70 - 130                              |       |
| 2-Butanol                            | ND    | 250.0 | 862  | 1000  | 86.2        | 70 - 130                              |       |
| 2-Ethoxyethanol                      | ND    | 50.0  | 874  | 1000  | 87.4        | 70 - 130                              |       |
| Acetone                              | ND    | 250.0 | 829  | 1000  | 82.9        | 70 - 130                              |       |
| Acetonitrile                         | ND    | 50.0  | 848  | 1000  | 84.8        | 70 - 130                              |       |
| Benzene                              | ND    | 2.0   | 18.3 | 20.0  | 91.3        | 70 - 130                              |       |
| Butanes                              | ND    | 250.0 | 1470 | 2000  | 73.3        | 70 - 130                              |       |
| Cumene                               | ND    | 50.0  | 916  | 1000  | 91.6        | 70 - 130                              |       |
| Cyclohexane                          | ND    | 50.0  | 838  | 1000  | 83.8        | 70 - 130                              |       |
| Ethyl Acetate                        | ND    | 250.0 | 846  | 1000  | 84.6        | 70 - 130                              |       |
| Ethyl Ether                          | ND    | 250.0 | 800  | 1000  | 80.0        | 70 - 130                              |       |
| Ethylene Glycol                      | ND    | 250.0 | 896  | 1000  | 89.6        | 70 - 130                              |       |
| Ethylene Oxide                       | ND    | 50.0  | 776  | 1000  | 77.6        | 70 - 130                              |       |
| Heptane                              | ND    | 250.0 | 790  | 1000  | 79.0        | 70 - 130                              |       |
| Hexanes                              | ND    | 50.0  | 3920 | 5000  | 78.5        | 70 - 130                              |       |
| Isopropanol (2-Propanol)             | ND    | 50.0  | 839  | 1000  | 83.9        | 70 - 130                              |       |
| Isopropyl Acetate                    | ND    | 250.0 | 863  | 1000  | 86.3        | 70 - 130                              |       |
| Methanol                             | ND    | 250.0 | 816  | 1000  | 81.6        | 70 - 130                              |       |
| Dichloromethane                      | ND    | 50.0  | 811  | 1000  | 81.1        | 70 - 130                              |       |
| Pentanes                             | ND    | 250.0 | 2350 | 3000  | 78.4        | 70 - 130                              |       |
| Propane                              | ND    | 250.0 | 658  | 1000  | 65.8        | 70 - 130 ME                           |       |
| Tetrahydrofuran                      | ND    | 50.0  | 848  | 1000  | 84.8        | 70 - 130                              |       |
| Toluene                              | ND    | 50.0  | 874  | 1000  | 87.4        | 70 - 130                              |       |
| Xylenes                              | ND    | 50.0  | 3570 | 4000  | 89.1        | 70 - 130                              |       |



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### 525 - Astral Breathworks RCO 10.2.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 10/5/2020 Analysis Date: 10/9/2020 Report Date: 10/12/2020 Metrc Batch ID: 1A4010300016315000027255 Metrc Sample ID: 1A4010300016315000027276 Harvest/Process Date: 10/2/2020 Report ID: LS-201012-4 Sample Plan ID:SP-201005-7-A Sample Procedure: 160721\_LAB-SOP\_SampleCollection-v008

#### **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