

Sample Type: Extracts

Sample Date: 6/15/2020

Analysis Date: 6/18/2020

Report Date: 6/22/2020

info@lightscale.com 7 ORELAP #4112 OLCC #010-1003340D344

Metrc Batch ID:

Metrc Sample ID:

1A4010300016315000025555

1A4010300016315000025599

464 - Space Jogger FECO₂ **6.13.20**

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

Potency

Potency Analysis Date: 6/19/2020 Potency Batch ID: CAN_061920A Potency Method: JAOAC 2015.1

| 76.7% | Total THC |
|---------|--------------|
| 0.0972% | Total CBD |

Samples: MBN-XCN-JZN, TMC-BFJ-HHR

| Analyte | Description | LOQ | RPD | Min. | Max. | Avg. | |
|--------------|-------------------------------|------|------|---|---|-------------------------------|---|
| Д9ТНС | Delta-9 Tetrahydrocannabinol | 0.16 | 2.47 | 74.7 | 76.6 | 75.7 | _ |
| THCA | Tetrahydrocannabinolic acid | 0.16 | 5.40 | 1.16 | 1.22 | 1.19 | • |
| CBD | Cannabidiol | 0.16 | 19.4 | ND | 0.194 | 0.0972 | • |
| BDA | Cannabidiolic 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<> | _ |
| V8THC | Delta-8 Tetrahydrocannabinol* | 0.16 | 0.00 | ND | ND | ND | |
| нси | Tetrahydrocannabivarin* | 0.16 | 17.6 | 0.826 | 0.986 | 0.906 | • |
| BG | Cannabigerol* | 0.16 | 7.22 | 2.27 | 2.44 | 2.35 | - |
| BGA | Cannabigerolic acid* | 0.16 | 3.60 | 1.16 | 1.20 | 1.18 | • |
| BC | Cannabichromene* | 0.16 | 9.91 | 1.09 | 1.20 | 1.14 | • |
| BCA | Cannabichromenic acid* | 0.16 | 83.5 | ND | 0.389 | 0.195 | • |
| BN | Cannabinol | 0.16 | 38.4 | 0.290 | 0.427 | 0.359 | • |
| otal THC | Δ9THC + (THCA × 0.877) | | 2.36 | 75.7 | 77.7 | 76.7 | _ |
| Total CBD | CBD + (CBDA × 0.877) | | 19.4 | <l0q< td=""><td>0.194</td><td>0.0972</td><td>•</td></l0q<> | 0.194 | 0.0972 | • |
| Total | | | 1.62 | 81.5 | 84.7 | 83.1 | |

Compliance

| Pesticides | Within limits | Analysis Date: 6/18/2020 | Pass ⊘ |
|------------|---------------|--------------------------|--------|
| Solvents | Within limits | Analysis Date: 6/19/2020 | Pass ⊘ |
| Potency | Within limits | Analysis Date: 6/19/2020 | Pass ⊘ |

Hupe Attas Bryce Kidd, Ph.D. Lab Director

Aaron Troyer

Chief Science Officer

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Harvest/Process Date: 6/13/2020

Sample Plan ID:SP-200615-5-B

Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Report ID: | S-200622-2



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464 - Space Jogger FECO₂ 6.13.20

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



Terpenes* Sample Data Sample Type: Extracts Sample Date: 6/15/2020 Analysis Date: 6/18/2020 Report Date: 6/22/2020 Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599

Terpene Analysis Date: 6/19/2020 Terpene Batch ID: TRP_061920A Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Method: JAOAC 2015.1 Unit: %

| Analyte | Avg. | Notes |
|---------------------|-----------|-------|
| β-Caryophyllene | 1.95% | |
| Humulene | 0.645% | |
| α-Bisabolol | 0.178% | - |
| Guaiol | 0.153% | - |
| a-Terpineol | 0.130% | • |
| β-Farnesene 2 | 0.0898% | • |
| Caryophyllene Oxide | 0.0614% | • |
| Fenchol | 0.0427% | • |
| Selinadiene | 0.0396% | • |
| Linalool | 0.0356% | • |
| Limonene | 0.00638% | • |
| Borneol | 0.00619% | • |
| a-Pinene | 0.00325% | • |
| Camphene | 0.00230% | • |
| Terpinolene | 0.00193% | • |
| β-Pinene | 0.00153% | • |
| a-Terpinene | 0.00149% | • |
| Sabinene | 0.00138% | • |
| Fenchone | 0.00132% | • |
| γ-Terpinene | 0.00119% | • |
| ∆3-Carene | 0.000837% | • |
| α-Phellandrene | 0.000636% | • |
| Azulene | ND | |
| Camphore | ND | |
| Cedrol | ND | |
| Cymene | ND | |
| Eucalyptol | ND | |
| Geraniol | ND | |
| Geranyl Acetate | 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 | |
| β-Farnesene 1 | ND | |
| β-Myrcene | ND | |
| β-Ocimene | ND | |
| γ-Terpineol | ND | |
| Total | 3.35% | |



Sample Type: Extracts

Sample Date: 6/15/2020

Analysis Date: 6/18/2020

Report Date: 6/22/2020

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464 - Space Jogger FECO₂ 6.13.20

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

Sample Data

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Pesticides

Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599 Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Pesticides Analysis Date: 6/18/2020 Pesticides Batch ID: PST_061820B **Method**: EN 15662 **Unit:** μg/g (ppm) Pass 🥪

| Analyte | MBN-XCN-JZN | TMC-BFJ-HHR | 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 | MBN-XCN-JZN | TMC-BFJ-HHR | 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 | 0.1 | | 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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464 - Space Jogger FECO₂ 6.13.20

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

IJ

Pesticides

Quality Control Data

Sample Type: Extracts Sample Date: 6/15/2020 Analysis Date: 6/18/2020 Report Date: 6/22/2020 Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599 Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Pesticides QC Analysis Date: 6/18/2020 Pesticides QC Batch ID: PST_061820B Method: EN 15662 Unit: μg/g (ppm)

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|---------------------|-------|-----|-------|-----------|-------------|------------|-------|
| Abamectin | ND | 0.1 | 0.992 | 1.00 | 99.2 | 50 - 150 | |
| Acephate | ND | 0.1 | 0.931 | 1.00 | 93.1 | 50 - 150 | |
| Acequinocyl | ND | 1.5 | 1.05 | 1.00 | 105 | 50 - 150 | |
| Acetamiprid | ND | 0.1 | 0.850 | 1.00 | 85.0 | 50 - 150 | |
| Aldicarb | ND | 0.1 | 0.927 | 1.00 | 92.7 | 50 - 150 | |
| Azoxystrobin | ND | 0.1 | 0.878 | 1.00 | 87.8 | 50 - 150 | |
| Bifenazate | ND | 0.1 | 1.09 | 1.00 | 109 | 50 - 150 | |
| Bifenthrin | ND | 0.1 | 1.00 | 1.00 | 100 | 50 - 150 | |
| Boscalid | ND | 0.1 | 0.964 | 1.00 | 96.4 | 50 - 150 | |
| Carbaryl | ND | 0.1 | 0.975 | 1.00 | 97.5 | 50 - 150 | |
| Carbofuran | ND | 0.1 | 0.892 | 1.00 | 89.2 | 50 - 150 | |
| Chlorantraniliprole | ND | 0.1 | 0.881 | 1.00 | 88.1 | 50 - 150 | |
| Chlorfenapyr | ND | 0.1 | 0.846 | 1.00 | 84.6 | 50 - 150 | |
| Chlorpyrifos | ND | 0.1 | 0.948 | 1.00 | 94.8 | 50 - 150 | |
| Clofentezine | ND | 0.1 | 0.882 | 1.00 | 88.2 | 50 - 150 | |
| Cyfluthrin | ND | 0.5 | 1.02 | 1.00 | 102 | 50 - 150 | |
| Cypermethrin | ND | 0.1 | 0.824 | 1.00 | 82.4 | 50 - 150 | |
| Daminozide | ND | 0.5 | 1.30 | 1.00 | 130 | 10 - 150 | |
| Diazinon | ND | 0.1 | 0.974 | 1.00 | 97.4 | 50 - 150 | |
| Dichlorvos (DDVP) | ND | 0.5 | 0.887 | 1.00 | 88.7 | 50 - 150 | |
| Dimethoate | ND | 0.1 | 0.885 | 1.00 | 88.5 | 50 - 150 | |
| Ethoprophos | ND | 0.1 | 0.944 | 1.00 | 94.4 | 50 - 150 | |
| Etofenprox | ND | 0.1 | 1.03 | 1.00 | 103 | 50 - 150 | |
| Etoxazole | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Fenoxycarb | ND | 0.1 | 1.00 | 1.00 | 100 | 50 - 150 | |
| Fenpyroximate | ND | 0.1 | 0.871 | 1.00 | 87.1 | 50 - 150 | |
| Fipronil | ND | 0.1 | 0.879 | 1.00 | 87.9 | 50 - 150 | |
| Flonicamid | ND | 0.1 | 0.708 | 1.00 | 70.8 | 50 - 150 | |
| Fludioxonil | ND | 0.1 | 0.838 | 1.00 | 83.8 | 50 - 150 | |
| Hexythiazox | ND | 0.1 | 1.34 | 1.00 | 134 | 50 - 150 | |
| Imazalil | ND | 0.1 | 0.849 | 1.00 | 84.9 | 50 - 150 | |
| Imidacloprid | ND | 0.1 | 0.795 | 1.00 | 79.5 | 50 - 150 | |
| Kresoxim-methyl | ND | 0.1 | 1.01 | 1.00 | 101 | 50 - 150 | |
| Malathion | ND | 0.1 | 0.937 | 1.00 | 93.7 | 50 - 150 | |

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|--------------------|-------|-----|-------|-----------|-------------|------------|-------|
| Metalaxyl | ND | 0.1 | 0.888 | 1.00 | 88.8 | 50 - 150 | |
| Methiocarb | ND | 0.1 | 0.935 | 1.00 | 93.5 | 50 - 150 | |
| Methomyl | ND | 0.1 | 0.811 | 1.00 | 81.1 | 50 - 150 | |
| Methyl Parathion | ND | 0.2 | 0.491 | 1.00 | 49.1 | 30 - 150 | |
| MGK-264 | ND | 0.2 | 0.428 | 0.600 | 71.3 | 50 - 150 | |
| Myclobutanil | ND | 0.1 | 0.991 | 1.00 | 99.1 | 50 - 150 | |
| Naled | ND | 0.2 | 0.762 | 1.00 | 76.2 | 50 - 150 | |
| Oxamyl | ND | 0.1 | 0.741 | 1.00 | 74.1 | 50 - 150 | |
| Paclobutrazol | ND | 0.1 | 0.690 | 1.00 | 69.0 | 50 - 150 | |
| Permethrins | ND | 0.1 | 1.13 | 1.00 | 113 | 50 - 150 | |
| Phosmet | ND | 0.1 | 0.948 | 1.00 | 94.8 | 50 - 150 | |
| Piperonyl Butoxide | ND | 0.1 | 0.873 | 1.00 | 87.3 | 50 - 150 | |
| Prallethrin | ND | 0.1 | 0.951 | 1.00 | 95.1 | 50 - 150 | |
| Propiconazole | ND | 0.1 | 0.992 | 1.00 | 99.2 | 50 - 150 | |
| Propoxur | ND | 0.1 | 0.944 | 1.00 | 94.4 | 50 - 150 | |
| Pyrethrins | ND | 0.5 | 0.269 | 1.00 | 26.9 | 50 - 150 | LR |
| Pyridaben | ND | 0.1 | 0.949 | 1.00 | 94.9 | 50 - 150 | |
| Spinosad | ND | 0.1 | 0.854 | 1.00 | 85.4 | 50 - 150 | |
| Spiromesifen | ND | 0.1 | 0.960 | 1.00 | 96.0 | 50 - 150 | |
| Spirotetramat | ND | 0.1 | 1.06 | 1.00 | 106 | 50 - 150 | |
| Spiroxamine | ND | 0.1 | 0.917 | 1.00 | 91.7 | 50 - 150 | |
| Tebuconazole | ND | 0.1 | 1.04 | 1.00 | 104 | 50 - 150 | |
| Thiacloprid | ND | 0.1 | 0.879 | 1.00 | 87.9 | 50 - 150 | |
| Thiamethoxam | ND | 0.1 | 0.807 | 1.00 | 80.7 | 50 - 150 | |
| Trifloxystrobin | ND | 0.1 | 0.780 | 1.00 | 78.0 | 50 - 150 | |

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464 - Space Jogger FECO₂ 6.13.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 6/15/2020 Analysis Date: 6/18/2020 Report Date: 6/22/2020

Residual Solvents Sample Data

Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599 Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Pass ⊘

Solvents Analysis Date: 6/19/2020 Solvents Batch ID: RES_061920A Method: EPA 5021A Unit: μg/g (ppm)

| 1.4-Dioxane ND ND AD 6.88 388.8 58.6 Pass 2-Butanol ND ND 0.00 5909.0 250.0 Pass 2-Ethoxyethanol ND ND 0.00 160.0 590.0 250.0 Pass Acetone ND ND 0.00 160.0 590.0 250.0 Pass Acetone ND ND 0.00 0.00 250.0 Pass Benzene ND ND 0.00 2.0 2.0 Pass Gumene ND ND 0.00 3680.0 50.0 Pass Ethyl Acetate ND ND 0.00 3680.0 50.0 Pass Ethyl Acetate ND ND 0.00 3680.0 50.0 Pass Ethyl Acetate ND ND 0.00 500.0 250.0 Pass Ethylae Glycol ND ND 0.00 60.0 50.0 Pass Ethylae Glyc | | | | | | | | |
|---|--------------------------|-------------|-------------|---------|--------|-------|-------|--------|
| 2-butanolNDND0.005000.0250.0Part2-EthoxyethanolNDND0.00160.0500.0250.0PartAcetoneNDND0.005000.0250.0PartAcetonitrileNDND0.00410.050.0PartButanesNDND0.002.02.0PartGyalokaneNDND0.005000.0250.0PartCyclokaneNDND0.0070.050.0PartChylectateNDND0.003800.050.0PartEthyl EtherNDND0.005000.0250.0PartEthylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartEthylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0PartIchylene OxideNDND0.005000.0250.0Part <t< th=""><th>Analyte</th><th>MBN-XCN-JZN</th><th>TMC-BFJ-HHR</th><th>RPD (%)</th><th>Limits</th><th>LOQ</th><th>Notes</th><th>Status</th></t<> | Analyte | MBN-XCN-JZN | TMC-BFJ-HHR | RPD (%) | Limits | LOQ | Notes | Status |
| 2-EthoxyethanolNDND0.00100.050.0PartAcetoneNDND0.005000.0250.0PartAcetonitrileNDND0.00410.050.0PartBuraneNDND0.002.02.0PartBuranesNDND0.005000.0250.0PartCueneNDND0.0070.050.0PartCyclohexaneNDND0.003800.0550.0PartEthyl AcetateNDND0.005000.0250.0PartEthyl AcetateNDND0.005000.0250.0PartEthylene GlycolNDND0.005000.0250.0PartEthylene OxideNDND0.005000.0250.0PartIsopropanol (2-Propanol)NDND0.005000.0250.0PartIsopropanol (2-Propanol)NDND0.005000.0250.0PartEthalaneNDND0.005000.0250.0PartIsopropanol (2-Propanol)NDND0.005000.0250.0PartPartanesNDND0.005000.0250.0PartIsopropanol (2-Propanol)NDND0.005000.0250.0PartPartanesNDND0.005000.0250.0PartPartanesNDND0.005000.0250.0Part <td>1,4-Dioxane</td> <td>ND</td> <td>ND</td> <td>0.00</td> <td>380.0</td> <td>50.0</td> <td></td> <td>Pass</td> | 1,4-Dioxane | ND | ND | 0.00 | 380.0 | 50.0 | | Pass |
| AcctorNDND0.005000.0250.0ParAcctoritrileNDND0.00410.050.0ParBerzeneNDND0.002.02.0ParButanesNDND0.005000.0250.0ParCueneNDND0.0070.050.0ParCyclohexaneNDND0.005000.0250.0ParEthyl AcetateNDND0.005000.0250.0ParEthyl AcetateNDND0.00620.0250.0ParEthyl AcetateNDND0.00620.0250.0ParEthylane OxideNDND0.005000.0250.0ParEthylane OxideNDND0.005000.0250.0ParIsopropanol (2-Propanol)NDND0.005000.0250.0ParIsopropanol AcetateNDND0.00600.0500.0250.0ParPertanesNDND0.00600.0500.0250.0ParChridoromethaneNDND0.00600.0500.0250.0ParPertanesNDND0.00600.0500.0250.0ParPertanesNDND0.00600.0500.0250.0ParPertanesNDND0.00600.0500.0250.0ParPertanesNDND0.00600.05 | 2-Butanol | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| AcctonitrileNDND8.00410.050.0PareBenzeneNDND0.002.02.0PareButanesNDND0.005000.0250.0PareCumeneNDND0.003800.050.0PareCyclohexaneNDND0.005000.0250.0PareEthyl AcetateNDND0.005000.0250.0PareEthyl LetherNDND0.005000.0250.0PareEthylene GlycolNDND0.005000.0250.0PareHexanesNDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-Propanol)NDND0.005000.050.0PareIsopropanol (2-PropanolNDND0.005000.050.0PareIsopropanol (2-PropanolNDND0.005000.050.0PareIsopropanol (2-PropanolND | 2-Ethoxyethanol | ND | ND | 0.00 | 160.0 | 50.0 | | Pass |
| BenzeneNDND0.002.02.00.0ButanesNDND0.005000.0250.0PaseCumeneNDND0.0070.050.0PaseCyclohexaneNDND0.00388.050.0PaseEthyl AcetteNDND0.005000.0250.0PaseEthyl AcetteNDND0.005000.0250.0PaseEthyl EtherNDND0.005000.0250.0PaseEthylene GlycolNDND0.005000.0250.0PaseHexanesNDND0.005000.0250.0PaseIsopropanl (2-Propanel)NDND0.005000.0250.0PaseIsopropyl AcetateNDND0.00600.0250.0PasePentanesNDND0.00600.0250.0PasePropaneNDND0.00600.0250.0PasePictaneyNDND0.00600.0250.0PasePictanesNDND0.00600.0250.0PasePictanesNDND0.00600.0250.0PaseTorupaneNDND0.00600.0250.0PasePictanesNDND0.00600.0250.0PaseTorupaneNDND0.00600.0250.0PaseTorupaneNDND0.0060 | Acetone | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| HutanesNDND0.000.000.00.250.0PartCumeneNDND0.0070.050.0PartCyclohexaneNDND0.003800.050.0PartEthyl AcetateNDND0.005000.0250.0PartEthyl AcetateNDND0.005000.0250.0PartEthyl EtherNDND0.00620.0250.0PartEthylane GlycolNDND0.005000.0250.0PartEthylane OxideNDND0.005000.0250.0PartHexanesNDND0.005000.0250.0PartSopropanol (2-Propanol)NDND0.005000.0250.0PartHethanlNDND0.005000.0250.0PartChichoromethaneNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartChichoromethaneNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartPartanyNDND0.005000.0250.0PartPartanyND< | Acetonitrile | ND | ND | 0.00 | 410.0 | 50.0 | | Pass |
| NumeNDND0.0070.050.090.00CyclohexaneNDND0.003880.050.098.0Ethyl AcetateNDND0.005000.0250.098.0Ethyl EtherNDND0.00600.0250.098.0Ethylane GlycolNDND0.005000.0250.098.0Ethylane OxideNDND0.005000.0250.098.0HeraneNDND0.005000.0250.098.0HexanesNDND0.005000.0250.098.0Isopropal (2-Propand)NDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0IchloromethaneNDND0.005000.0250.098.0 | Benzene | ND | ND | 0.00 | 2.0 | 2.0 | | Pass |
| CyclohexaneNDND0.003880.050.098.0Ethyl AcetateNDND0.005000.0250.0PaseEthyl EtherNDND0.005000.0250.0PaseEthylane GlycolNDND0.00500.0250.0PaseEthylane GlycolNDND0.00500.0250.0PaseHeptaneNDND0.005000.0250.0PaseHexanesNDND0.005000.0250.0PaseIsopropanol (2-Propanol)NDND0.005000.0250.0PaseIsopropyl AcetateNDND0.005000.0250.0PasePertanesNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND0.005000.0250.0PasePorpaneNDND <td< td=""><td>Butanes</td><td>ND</td><td>ND</td><td>0.00</td><td>5000.0</td><td>250.0</td><td></td><td>Pass</td></td<> | Butanes | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Ethyl Acetate ND ND 0.00 5000.0 250.0 Part Ethyl Ether ND ND 0.00 5000.0 250.0 Part Ethyl Ether ND ND 0.00 5000.0 250.0 Part Ethylene Glycol ND ND 0.00 620.0 250.0 Part Ethylene Oxide ND ND 0.00 620.0 250.0 Part Heptane ND ND 0.00 500.0 250.0 Part Isopropanol (2-Propanol) ND ND 0.00 290.0 50.0 Part Isopropyl Acetate ND ND 0.00 500.0 250.0 Part Partanes ND ND 0.00 5000.0 250.0 Part Popane ND ND 0.00 5000.0 250.0 Part Partanes ND ND 0.00 5000.0 250.0 Part Popane ND ND< | Cumene | ND | ND | 0.00 | 70.0 | 50.0 | | Pass |
| Ethyl EtherNDND0.005000.0250.0ParEthylene GlycolNDND0.00620.0250.0ParEthylene OxideNDND0.0050.050.0ParHeptaneNDND0.005000.0250.0ParHexanesNDND0.00290.050.0ParIsopropanol (2-Propanol)NDND0.005000.0250.0ParIsopropyl AcetateNDND0.005000.0250.0ParDichloromethaneNDND0.005000.050.0ParPropaneNDND0.005000.050.0ParTetrahydrofuranNDND0.005000.050.0ParNDND0.005000.050.0ParParNDND0.005000.050.0ParParPropaneNDND0.005000.050.0ParPropaneNDND0.005000.050.0ParTetrahydrofuranNDND0.00720.050.0ParNDND0.00600.050.0ParParNDND0.00600.050.0ParParNDND0.00600.050.0ParParNDND0.00600.050.0ParParNDND0.00600.050.0ParPar< | Cyclohexane | ND | ND | 0.00 | 3880.0 | 50.0 | | Pass |
| Ethylene GlycolNDND0.00620.0250.0ParEthylene OxideNDND0.0050.050.0ParHeptaneNDND0.005000.0250.0ParHexanesNDND0.005000.050.0ParIsopropanol (2-Propanol)NDND0.005000.0250.0ParIsopropyl AcetateNDND0.005000.0250.0ParDichloromethaneNDND0.00600.0500.0ParPropaneNDND0.005000.0250.0ParTerrahydrofuranNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.005000.0250.0ParIoluenNDND0.00500.050.0ParIoluenNDND0.00500.050.0ParIoluenNDND0.00500.050.0 | Ethyl Acetate | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Ethylene OxideNDND0.0050.050.090.090.0HeptaneNDND0.005000.0250.0PaseHexanesNDND0.00290.050.0PaseIsopropanol (2-Propanol)NDND0.005000.0250.0PaseIsopropyl AcetateNDND0.005000.0250.0PaseDichloromethaneNDND0.00600.0500.0250.0PasePropaneNDND0.005000.0250.0PasePropaneNDND0.005000.0250.0PasePropaneNDND0.005000.0250.0PasePropaneNDND0.005000.0250.0PaseTetrahydrofuranNDND0.005000.0250.0PaseNDND0.00600.0500.0250.0PaseItetrahydrofuranNDND0.005000.0250.0PaseNDND0.00600.0500.0250.0PaseItetrahydrofuranNDND0.00720.0500.0PaseNDND0.00800.0500.0800.0800.0800.0NDND0.00800.0500.0800.0800.0800.0NDND0.00800.0500.0800.0800.0800.0NDND0.00800.0500.0800.0 <td< td=""><td>Ethyl Ether</td><td>ND</td><td>ND</td><td>0.00</td><td>5000.0</td><td>250.0</td><td></td><td>Pass</td></td<> | Ethyl Ether | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| HeptaneNDND0.00500.0250.0PaseHexanesNDND0.00290.050.0PaseIsopropanol (2-Propanol)NDND0.00500.050.0PaseIsopropyl AcetateNDND0.00500.0250.0PaseMethanolNDND0.003000.0250.0PaseDichloromethaneNDND0.00600.0500.0250.0PasePropaneNDND0.005000.0250.0PasePropaneNDND0.005000.0250.0PaseIterahydrofuranNDND0.005000.0250.0PaseNDND0.005000.0250.0PasePaseNDND0.005000.0250.0PasePaseNDND0.005000.0250.0PasePaseNDND0.005000.0250.0PasePaseNDND0.005000.0250.0PasePaseNDND0.00720.0500.0PasePaseNDND0.0080.050.080.080.080.0NDND0.0080.050.080.080.080.0NDND0.0080.050.080.080.080.080.0NDND0.0080.050.080.080.080.080.080.0< | Ethylene Glycol | ND | ND | 0.00 | 620.0 | 250.0 | | Pass |
| HexanesNDND0.00290.050.0PartIsopropanol (2-Propanol)NDND0.005000.050.0PartIsopropyl AcetateNDND0.005000.0250.0PartMethanolNDND0.00600.0250.0PartDichloromethaneNDND0.00600.0500.0PartPentanesNDND0.005000.0250.0PartTetrahydrofuranNDND0.005000.0250.0PartNDND0.005000.0250.0PartPartNDND0.005000.0250.0PartPartNDND0.005000.0250.0PartPartNDND0.005000.0250.0PartPartNDND0.005000.0500.0PartPartNDND0.005000.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartNDND0.00800.050.0PartPartND </td <td>Ethylene Oxide</td> <td>ND</td> <td>ND</td> <td>0.00</td> <td>50.0</td> <td>50.0</td> <td></td> <td>Pass</td> | Ethylene Oxide | ND | ND | 0.00 | 50.0 | 50.0 | | Pass |
| Isopropanol (2-Propanol)NDND0.00500.050.0ParIsopropyl AcetateNDND0.00500.0250.0ParMethanolNDND0.003000.0250.0ParDichloromethaneNDND0.00600.050.0ParPentanesNDND0.005000.0250.0ParPropaneNDND0.005000.0250.0ParTetrahydrofuranNDND0.005000.050.0ParNDND0.005000.050.0ParParNDND0.00500.050.0ParTolueneNDND0.00500.050.0Par | Heptane | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Isopropyl AcetateNDND0.005000.0250.0PaseMethanolNDND0.003000.0250.0PaseDichloromethaneNDND0.00600.050.0PasePentanesNDND0.005000.0250.0PasePropaneNDND0.005000.0250.0PaseTetrahydrofuranNDND0.005000.050.0PaseNDND0.00800.050.0PasePaseNDND0.005000.050.0PaseTetrahydrofuranNDND0.0050.050.0Pase | Hexanes | ND | ND | 0.00 | 290.0 | 50.0 | | Pass |
| MethanolNDND0.003000.0250.0PasDichloromethaneNDND0.00600.050.0PasPentanesNDND0.005000.0250.0PasPropaneNDND0.005000.0250.0PasTetrahydrofuranNDND0.00720.050.0PasNDND0.003000.050.0PasTolueneNDND0.0050.0Pas | Isopropanol (2-Propanol) | ND | ND | 0.00 | 5000.0 | 50.0 | | Pass |
| DichloromethaneNDND0.00600.050.0ParPentanesNDND0.00500.0250.0ParPropaneNDND0.005000.0250.0ParTetrahydrofuranNDND0.00720.050.0ParTolueneNDND0.00890.050.0Par | Isopropyl Acetate | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| PentanesNDND0.005000.0250.0PasPropaneNDND0.005000.0250.0PasTetrahydrofuranNDND0.00720.050.0PasTolueneNDND0.00890.050.0Pas | Methanol | ND | ND | 0.00 | 3000.0 | 250.0 | | Pass |
| PropaneNDND0.005000.0250.0PasTetrahydrofuranNDND0.00720.050.0PasTolueneNDND0.00890.050.0Pas | Dichloromethane | ND | ND | 0.00 | 600.0 | 50.0 | | Pass |
| TetrahydrofuranNDND0.00720.050.0PasTolueneNDND0.00890.050.0Pas | Pentanes | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| Toluene ND ND 0.00 890.0 50.0 Pas | Propane | ND | ND | 0.00 | 5000.0 | 250.0 | | Pass |
| | Tetrahydrofuran | ND | ND | 0.00 | 720.0 | 50.0 | | Pass |
| Xylenes ND ND 0.00 2170.0 50.0 Pas | Toluene | ND | ND | 0.00 | 890.0 | 50.0 | | Pass |
| | Xylenes | ND | ND | 0.00 | 2170.0 | 50.0 | | Pass |



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464 - Space Jogger FECO₂ 6.13.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 6/15/2020 Analysis Date: 6/18/2020 Report Date: 6/22/2020 Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599 Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

| | Residual Solvents |
|---|---|
| ٩ | Residual Solvents Quality Control Data |

Solvents QC Analysis Date: 6/19/2020 Solvents QC Batch ID: RES_061920A Method: EPA 5021A Unit: µg/g (ppm)

| Analyte | Blank | LOQ | LCS | LCS Spike | LCS Rec (%) | Limits (%) | Notes |
|--------------------------|-------|-------|------|-----------|-------------|------------|-------|
| 1,4-Dioxane | ND | 50.0 | 1130 | 1000 | 113 | 70 - 130 | |
| 2-Butanol | ND | 250.0 | 1180 | 1000 | 118 | 70 - 130 | |
| 2-Ethoxyethanol | ND | 50.0 | 1070 | 1000 | 107 | 70 - 130 | |
| Acetone | ND | 250.0 | 1080 | 1000 | 108 | 70 - 130 | |
| Acetonitrile | ND | 50.0 | 1180 | 1000 | 118 | 70 - 130 | |
| Benzene | ND | 2.0 | 18.6 | 20.0 | 93.1 | 70 - 130 | |
| Butanes | ND | 250.0 | 2310 | 2000 | 116 | 70 - 130 | |
| Cumene | ND | 50.0 | 1200 | 1000 | 120 | 70 - 130 | |
| Cyclohexane | ND | 50.0 | 1090 | 1000 | 109 | 70 - 130 | |
| Ethyl Acetate | ND | 250.0 | 1150 | 1000 | 115 | 70 - 130 | |
| Ethyl Ether | ND | 250.0 | 1100 | 1000 | 110 | 70 - 130 | |
| Ethylene Glycol | ND | 250.0 | 1000 | 1000 | 100 | 70 - 130 | |
| Ethylene Oxide | ND | 50.0 | 1150 | 1000 | 115 | 70 - 130 | |
| Heptane | ND | 250.0 | 1160 | 1000 | 116 | 70 - 130 | |
| Hexanes | ND | 50.0 | 5650 | 5000 | 113 | 70 - 130 | |
| Isopropanol (2-Propanol) | ND | 50.0 | 1000 | 1000 | 100 | 70 - 130 | |
| Isopropyl Acetate | ND | 250.0 | 1200 | 1000 | 120 | 70 - 130 | |
| Methanol | ND | 250.0 | 1150 | 1000 | 115 | 70 - 130 | |
| Dichloromethane | ND | 50.0 | 1140 | 1000 | 114 | 70 - 130 | |
| Pentanes | ND | 250.0 | 3410 | 3000 | 114 | 70 - 130 | |
| Propane | ND | 250.0 | 1070 | 1000 | 107 | 70 - 130 | |
| Tetrahydrofuran | ND | 50.0 | 1180 | 1000 | 118 | 70 - 130 | |
| Toluene | ND | 50.0 | 1140 | 1000 | 114 | 70 - 130 | |
| Xylenes | ND | 50.0 | 4680 | 4000 | 117 | 70 - 130 | |
| | | | | | | | |



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464 - Space Jogger FECO₂ 6.13.20

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 6/15/2020 Analysis Date: 6/18/2020 Report Date: 6/22/2020 Metrc Batch ID: 1A4010300016315000025555 Metrc Sample ID: 1A4010300016315000025599 Harvest/Process Date: 6/13/2020 Report ID: LS-200622-2 Sample Plan ID:SP-200615-5-B 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