

Farmer's Friend Extract 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 6/24/2020 Analysis Date: 6/25/2020 Report Date: 6/26/2020

Metrc Batch ID: 1A4010300016315000025751 Metrc Sample ID: 1A4010300016315000025805 Harvest/Process Date: 6/22/2020 Report ID: LS-200626-4 Sample Plan ID:SP-200624-3-A Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Potency

Potency Analysis Date: 6/25/2020 Potency Batch ID: CAN_062520C Potency Method: JAOAC 2015.1

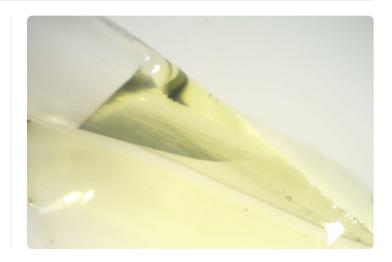
72.6%

Total THC

<LOQ

Total CBD

Samples: FTW-XNT-CTD, TDS-CWD-TJR



Analyte	Description	LOQ	RPD	Min.	Max.	Avg.	Unit:
Д9ТНС	Delta-9 Tetrahydrocannabinol	0.16	3.49	71.3	73.8	72.6	
THCA	Tetrahydrocannabinolic acid	0.16	0.00	ND	<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	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Δ8ΤΗC	Delta-8 Tetrahydrocannabinol*	0.16	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.16	76.6	ND	0.359	0.179	•
CBG	Cannabigerol*	0.16	2.24	1.88	1.92	1.90	•
CBGA	Cannabigerolic acid*	0.16	4.04	<l0q< td=""><td>0.167</td><td>0.167</td><td>•</td></l0q<>	0.167	0.167	•
CBC	Cannabichromene*	0.16	6.71	1.09	1.17	1.13	•
CBCA	Cannabichromenic acid*	0.16	0.00	ND	ND	ND	
CBN	Cannabinol	0.16	62.9	<l0q< td=""><td>0.307</td><td>0.307</td><td>•</td></l0q<>	0.307	0.307	•
Total THC	Δ9THC + (THCA × 0.877)		3.49	71.3	73.8	72.6	
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			2.19	74.3	77.8	76.3	

Compliance

Pesticides	Within limits	Analysis Date: 6/25/2020	Pass 🛇
Solvents	Within limits	Analysis Date: 6/26/2020	Pass 🕢
Potency	Within limits	Analysis Date: 6/25/2020	Pass 🕢

Bryce Kidd, Ph.D. Lab Director

Chief Science Officer





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Terpene Analysis Date: 6/25/2020

Terpene Batch ID: TRP 062520A

Total

Harvest/Process Date: 6/22/2020 Report ID: LS-200626-4 Sample Plan ID:SP-200624-3-A Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Method: JAOAC 2015.1

Unit: %



Analyte	Avg.	Notes
β-Caryophyllene	2.46%	
Humulene	0.830%	
Limonene	0.233%	
β-Myrcene	0.208%	
α-Bisabolol	0.104%	
Linalool	0.0897%	
Selinadiene	0.0734%	
Terpinolene	0.0578%	
β-Pinene	0.0296%	
β-Ocimene	0.0277%	
Sabinene	0.0258%	
α-Pinene	0.0188%	
Eucalyptol	0.0118%	
Fenchone	0.00384%	
γ-Terpinene	0.00340%	
α-Terpinene	0.00322%	
Camphene	0.00260%	
Δ3-Carene	0.00228%	
Azulene	ND	
Borneol	ND	
Camphore	ND	
Caryophyllene Oxide	ND	
Cedrol	ND	
Cymene	ND	
Fenchol	ND	
Geraniol	ND	
Geranyl Acetate	ND	
Guaiol	ND	
Isoborneol	ND	
TOODOLLIEOT	ND	

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

4.18%



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Pesticides Analysis Date: 6/25/2020 Pesticides Batch ID: PST_062520A Method: EN 15662 Unit: μg/g (ppm) Pass 🕢

Analyte	TDS-CWD-TJR	FTW-XNT-CTD	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	TDS-CWD-TJR	FTW-XNT-CTD	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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Pesticides Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Note
Abamectin	ND	0.1	0.963	1.00	96.3	50 - 150	
Acephate	ND	0.1	0.735	1.00	73.5	50 - 150	
Acequinocyl	ND	1.5	0.836	1.00	83.6	50 - 150	
Acetamiprid	ND	0.1	1.17	1.00	117	50 - 150	
Aldicarb	ND	0.1	1.15	1.00	115	50 - 150	
Azoxystrobin	ND	0.1	1.06	1.00	106	50 - 150	
Bifenazate	ND	0.1	1.37	1.00	137	50 - 150	
Bifenthrin	ND	0.1	0.810	1.00	81.0	50 - 150	
Boscalid	ND	0.1	1.01	1.00	101	50 - 150	
Carbaryl	ND	0.1	1.09	1.00	109	50 - 150	
Carbofuran	ND	0.1	1.11	1.00	111	50 - 150	
Chlorantraniliprole	ND	0.1	1.03	1.00	103	50 - 150	
Chlorfenapyr	ND	0.1	0.996	1.00	99.6	50 - 150	
Chlorpyrifos	ND	0.1	1.10	1.00	110	50 - 150	
Clofentezine	ND	0.1	0.759	1.00	75.9	50 - 150	
Cyfluthrin	ND	0.5	0.813	1.00	81.3	50 - 150	
Cypermethrin	ND	0.1	0.914	1.00	91.4	50 - 150	
Daminozide	ND	0.5	ND	1.00	4.90	10 - 150	LR
Diazinon	ND	0.1	1.07	1.00	107	50 - 150	
Dichlorvos (DDVP)	ND	0.5	1.03	1.00	103	50 - 150	
Dimethoate	ND	0.1	1.21	1.00	121	50 - 150	
Ethoprophos	ND	0.1	1.12	1.00	112	50 - 150	
Etofenprox	ND	0.1	0.721	1.00	72.1	50 - 150	
Etoxazole	ND	0.1	1.22	1.00	122	50 - 150	
Fenoxycarb	ND	0.1	1.08	1.00	108	50 - 150	
Fenpyroximate	ND	0.1	0.922	1.00	92.2	50 - 150	
Fipronil	ND	0.1	1.08	1.00	108	50 - 150	
Flonicamid	ND	0.1	0.950	1.00	95.0	50 - 150	
Fludioxonil	ND	0.1	0.933	1.00	93.3	50 - 150	
Hexythiazox	ND	0.1	1.00	1.00	100	50 - 150	
Imazalil	ND	0.1	0.991	1.00	99.1	50 - 150	
Imidacloprid	ND	0.1	1.25	1.00	125	50 - 150	
Kresoxim-methyl	ND	0.1	1.01	1.00	101	50 - 150	
Malathion	ND	0.1	1.02	1.00	102	50 - 150	

Pesticides QC Analysis Date: 6/25/2020 Pesticides QC Batch ID: PST 062520A Method: EN 15662 Unit: μg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Metalaxyl	ND	0.1	1.01	1.00	101	50 - 150	
Methiocarb	ND	0.1	1.04	1.00	104	50 - 150	
Methomyl	ND	0.1	1.05	1.00	105	50 - 150	
Methyl Parathion	ND	0.2	0.557	1.00	55.7	30 - 150	
MGK-264	ND	0.2	0.847	0.600	141	50 - 150	
Myclobutanil	ND	0.1	1.14	1.00	114	50 - 150	
Naled	ND	0.2	1.32	1.00	132	50 - 150	
Oxamyl	ND	0.1	0.996	1.00	99.6	50 - 150	
Paclobutrazol	ND	0.1	0.951	1.00	95.1	50 - 150	
Permethrins	ND	0.1	0.918	1.00	91.8	50 - 150	
Phosmet	ND	0.1	0.981	1.00	98.1	50 - 150	
Piperonyl Butoxide	ND	0.1	1.03	1.00	103	50 - 150	
Prallethrin	ND	0.1	0.971	1.00	97.1	50 - 150	
Propiconazole	ND	0.1	1.01	1.00	101	50 - 150	
Propoxur	ND	0.1	1.22	1.00	122	50 - 150	
Pyrethrins	ND	0.5	0.296	1.00	29.6	50 - 150	LR
Pyridaben	ND	0.1	0.863	1.00	86.3	50 - 150	
Spinosad	ND	0.1	0.855	1.00	85.5	50 - 150	
Spiromesifen	ND	0.1	0.931	1.00	93.1	50 - 150	
Spirotetramat	ND	0.1	1.10	1.00	110	50 - 150	
Spiroxamine	ND	0.1	1.06	1.00	106	50 - 150	
Tebuconazole	ND	0.1	0.895	1.00	89.5	50 - 150	
Thiacloprid	ND	0.1	1.07	1.00	107	50 - 150	
Thiamethoxam	ND	0.1	1.07	1.00	107	50 - 150	
Trifloxystrobin	ND	0.1	0.933	1.00	93.3	50 - 150	



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Solvents Analysis Date: 6/26/2020 Solvents Batch ID: RES 062520A Method: EPA 5021A Unit: μg/g (ppm) Pass 🕢

Analyte	TDS-CWD-TJR	FTW-XNT-CTD	RPD (%)	Limits	LOQ	Notes	Status
1,4-Dioxane	ND	ND	0.00	380.0	50.0		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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Solvents QC Analysis Date: 6/26/2020 Solvents QC Batch ID: RES_062520A Method: EPA 5021A Unit: μg/g (ppm)

1,4-Dioxane NO 59.8 1930 1980 1930 78 - 138 2-Butanol NO 259.8 1138 1980 113 78 - 138 2-Ethoxychanol NO 59.8 994 1980 99.4 78 - 138 Acetone NO 259.8 984 1980 99.4 78 - 138 Acetonitrle NO 259.8 116.8 29.0 166 78 - 138 Butanes NO 2.9 18.8 29.0 191 78 - 138 Cumen NO 259.8 2620 2080 191 78 - 138 Cyclohexane NO 58.0 1980 1980 191 78 - 138 Ethyl Acetate NO 259.8 1980 1980 198 78 - 138 Ethyl Lether NO 259.8 1920 1980 192 78 - 138 Ethylane Glycol NO 259.8 1520 1980 192 78 - 138 Ethylane Glycol <	Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
2-Ethoxyethanol ND 58.8 994 1080 99.4 78 - 138 Acetone ND 250.8 984 1080 98.4 78 - 138 Acetonitrile ND 59.8 1160 1080 116 78 - 138 Benzene ND 250.8 18.8 20.0 94.0 78 - 130 Butanes ND 250.8 2820 2800 181 70 - 130 Cyclohexane ND 50.8 1910 1080 1900 191 70 - 130 Ethyl Acetate ND 250.8 1980 1980 1980 1980 70 - 130 Ethyl Ether ND 250.8 1920 1980 1980 70 - 130 70 - 130 Ethylene Glycol ND 250.8 1920 1980 1980 192 70 - 130 Ethylene Oxide ND 50.8 1920 1980 1980 195 70 - 130 Hexanes ND 50.9 1930 1960 193 70 - 130 Forporpol (2-Propanl) ND 50.9	1,4-Dioxane	ND	50.0	1030	1000	103	70 - 130	
Acetone	2-Butanol	ND	250.0	1130	1000	113	70 - 130	
Acetonitrile ND 58.8 1168 1689 116 78 - 138 Benzene ND 2.8 18.8 28.8 94.8 76 - 138 Butanes ND 258.0 2020 2080 101 76 - 138 Cumene ND 58.0 1018 1080 191 76 - 138 Cyclohexane ND 58.0 998 1080 99.0 76 - 138 Ethyl Acetate ND 259.0 1880 1880 1980 97.3 78 - 139 Ethyl Lether ND 259.0 973 1880 97.3 79 - 139 Ethyl Lether ND 259.0 973 1880 97.3 79 - 139 Ethyl Lether ND 59.0 1820 1890 1892 79 - 139 Ethyl Lether ND 59.0 1850 1890 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893	2-Ethoxyethanol	ND	50.0	994	1000	99.4	70 - 130	
Benzene ND 2.8 18.8 28.8 94.8 78 - 138 Butanes ND 259.8 2020 2080 181 78 - 138 Cumene ND 59.8 1810 1808 181 78 - 138 Cyclohexane ND 59.8 1990 1808 99.8 78 - 138 Ethyl Acetate ND 259.8 1880 1808 1908 198 78 - 138 Ethyl Lether ND 259.8 1880 1808 198 79.3 78 - 138 Ethyl Lether ND 259.8 1920 1808 192 79.3 78 - 138 Ethyl Lether ND 59.8 1920 1808 192 79.3 78 - 138 Ethylene Glycol ND 59.8 1958 1968 1969 195 79 - 138 Heytane ND 59.8 1938 1960 1969 193 196 79 - 138 Soppopolal (2-Propanol) ND 59	Acetone	ND	250.0	984	1000	98.4	70 - 130	
Blatanes ND 258.0 2020 2080 101 78 - 130 Cumene ND 59.0 1010 1090 1011 78 - 130 Cyclohexane ND 59.0 990 1000 99.0 78 - 130 Ethyl Acetate ND 259.0 1080 1080 108 78 - 130 Ethyl Ether ND 259.0 1020 1080 97.3 78 - 130 Ethylae Glycol ND 259.0 1050 1080 102 78 - 130 Ethylaene Oxide ND 59.0 1050 1080 105 78 - 130 Heytane ND 59.0 1050 1080 105 78 - 130 Hexanes ND 59.0 5120 5980 102 78 - 130 Isopropanol (2-Propanol) ND 59.0 1030 1080 102 78 - 130 Methanol ND 59.0 1060 1090 106 70 - 130 Pentanes <	Acetonitrile	ND	50.0	1160	1000	116	70 - 130	
Cumene ND 58.8 1818 1808 1818 78 - 138 Cyclohexane ND 58.8 999 1808 99.8 78 - 138 Ethyl Acetate ND 258.8 1888 1808 188 78 - 138 Ethyl Ether ND 258.8 973 1808 97.3 78 - 138 Ethylene Glycol ND 258.8 1828 1808 182 78 - 138 Ethylene Oxide ND 58.8 1858 1808 185 78 - 138 Heytane ND 258.8 1858 1808 185 78 - 138 Hexanes ND 58.8 1858 1808 180 78 - 138 Sopropanol (2-Propanol) ND 58.8 1838 1808 183 78 - 138 Methanol ND 258.8 1868 1808 182 79 - 138 Methanol ND 258.8 1868 1808 182 79 - 138 Propane <t< th=""><th>Benzene</th><th>ND</th><th>2.0</th><th>18.8</th><th>20.0</th><th>94.0</th><th>70 - 130</th><th></th></t<>	Benzene	ND	2.0	18.8	20.0	94.0	70 - 130	
Cyclohexane ND 50.0 990 1000 99.0 70 - 130 Ethyl Acetate ND 250.0 1080 1000 108 76 - 130 Ethyl Ether ND 250.0 973 1080 97.3 76 - 130 Ethylene Glycol ND 250.0 1020 1090 102 76 - 130 Ethylene Oxide ND 50.0 1050 1080 105 76 - 130 Heytane ND 250.0 1050 1080 105 76 - 130 Hexanes ND 50.0 5120 5000 102 76 - 130 Isopropanol (2-Propanol) ND 50.0 1030 1000 103 76 - 130 Isopropyl Acetate ND 250.0 1060 1000 102 70 - 130 Methanol ND 250.0 1060 1000 106 70 - 130 Propane ND 250.0 882 1000 88.2 76 - 130 Tetrahydrofu	Butanes	ND	250.0	2020	2000	101	70 - 130	
Ethyl Acetate ND 250.0 1088 1080 97.3 70 - 138 Ethyl Ether ND 250.0 973 1000 97.3 70 - 130 Ethylene Glycol ND 250.0 1020 1000 102 70 - 130 Ethylene Oxide ND 50.0 1050 1000 105 70 - 130 Heptane ND 250.0 1050 1000 100 105 70 - 130 Hexanes ND 50.0 5120 5000 102 70 - 130 Isopropanol (2-Propanol) ND 50.0 1030 1000 102 70 - 130 Isopropyl Acetate ND 250.0 1030 1000 102 70 - 130 Methanol ND 250.0 1000 1000 100 100 100 100 100 100 10	Cumene	ND	50.0	1010	1000	101	70 - 130	
Ethyl Ether ND 250.0 973 1000 97.3 76 - 130 Ethylene Glycol ND 250.0 1020 1020 1000 102 76 - 130 Ethylene Oxide ND 50.0 1050 1000 105 76 - 130 Ethylene Oxide ND 250.0 1050 1000 105 76 - 130 Heyane ND 250.0 1050 1000 105 76 - 130 Heyanes ND 50.0 50.0 1050 1000 105 76 - 130 Heyanes ND 50.0 50.0 1030 1000 105 76 - 130 Itsopropanol (2-Propanol) ND 50.0 1030 1000 1000 103 76 - 130 Itsopropyl Acetate ND 250.0 1120 1000 112 76 - 130 Itsopropyl Acetate ND 250.0 1020 1000 100 100 100 100 100 100 100	Cyclohexane	ND	50.0	990	1000	99.0	70 - 130	
Ethylene Glycol ND 250.0 1020 1000 1000 105 70 - 130 Ethylene Oxide ND 50.0 1050 1050 1000 1000 105 70 - 130 Heptane ND 250.0 1050 1000 1000 105 70 - 130 Hexanes ND 50.0 50.0 1050 1000 1000 100 70 - 130 Isopropanol (2-Propanol) ND 50.0 50.0 1030 1000 100 100 100 100 70 - 130 Isopropyl Acetate ND 250.0 1000 1000 1000 100 70 - 130 Isopropyl Acetate ND 250.0 1000 1000 1000 100 70 - 130 Ibolicomethane ND 50.0 1000 1000 1000 100 70 - 130 Pentanes ND 250.0 1000 1000 1000 1000 70 - 130 Pentanes ND 250.0 3000 3000 1000 1000 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Ibolicomethylorical ND 50.0 1100 1000 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1000 1000 1000 1010 70 - 130 Ibolicomethylorical ND 50.0 1000 1000 1000 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1000 1000 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1000 1000 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1000 1000 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1000 1000 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1010 1000 1010 1010 1010 70 - 130 Ibolicomethylorical ND 50.0 1010 1010 1000 1010 1010 1010 1010	Ethyl Acetate	ND	250.0	1080	1000	108	70 - 130	
Ethylene Oxide ND 50.0 1050 1060 1060 105 70 - 130 Hexanes ND 50.0 1050 1060 1060 1060 70 - 130 Hexanes ND 50.0 1080 1080 1080 1082 70 - 130 Isopropanol (2-Propanol) ND 50.0 1030 1080 1080 1083 70 - 130 Isopropyl Acetate ND 250.0 1080 1080 1080 1083 70 - 130 Methanol ND 250.0 1080 1080 1080 108 70 - 130 Dichloromethane ND 50.0 1060 1080 1080 1080 70 - 130 Pentanes ND 250.0 1060 1080 1080 1080 70 - 130 Propane ND 250.0 3060 3060 3000 102 70 - 130 Propane ND 250.0 882 1080 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1080 1111 70 - 130 Toluene	Ethyl Ether	ND	250.0	973	1000	97.3	70 - 130	
Heptane ND 250.0 1050 1000 1000 105 70 - 130 1050 1000 1050 1000 1050 70 - 130 1050 1050 1050 1050 1050 1050 1050	Ethylene Glycol	ND	250.0	1020	1000	102	70 - 130	
Hexanes ND 50.0 50.0 5120 5000 102 70 - 130 Isopropanol (2-Propanol) ND 50.0 1030 1000 103 70 - 130 Isopropyl Acetate ND 250.0 1120 1000 112 70 - 130 Methanol ND 250.0 1060 1000 100 70 - 130 Dichloromethane ND 50.0 1060 1000 106 70 - 130 Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Ethylene Oxide	ND	50.0	1050	1000	105	70 - 130	
Isopropanol (2-Propanol) ND 50.0 1030 1000 103 70 - 130 Isopropyl Acetate ND 250.0 1120 1000 112 70 - 130 Methanol ND 250.0 1060 1000 106 70 - 130 Dichloromethane ND 50.0 1060 1000 106 70 - 130 Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Heptane	ND	250.0	1050	1000	105	70 - 130	
Isopropyl Acetate ND 250.0 1120 1000 112 70 - 130 Methanol ND 250.0 1060 1000 106 70 - 130 Dichloromethane ND 50.0 1060 1000 106 70 - 130 Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 101 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Hexanes	ND	50.0	5120	5000	102	70 - 130	
Methanol ND 250.0 1060 1000 106 70 - 130 Dichloromethane ND 50.0 1060 1000 106 70 - 130 Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Isopropanol (2-Propanol)	ND	50.0	1030	1000	103	70 - 130	
Dichloromethane ND 59.0 1060 1000 106 70 - 130 Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Isopropyl Acetate	ND	250.0	1120	1000	112	70 - 130	
Pentanes ND 250.0 3060 3000 102 70 - 130 Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Methanol	ND	250.0	1060	1000	106	70 - 130	
Propane ND 250.0 882 1000 88.2 70 - 130 Tetrahydrofuran ND 50.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Dichloromethane	ND	50.0	1060	1000	106	70 - 130	
Tetrahydrofuran ND 59.0 1110 1000 111 70 - 130 Toluene ND 50.0 1010 1000 101 70 - 130	Pentanes	ND	250.0	3060	3000	102	70 - 130	
Toluene ND 50.0 1010 1000 101 70 - 130	Propane	ND	250.0	882	1000	88.2	70 - 130	
	Tetrahydrofuran	ND	50.0	1110	1000	111	70 - 130	
Xylenes ND 50.0 4110 4000 103 70 - 130	Toluene	ND	50.0	1010	1000	101	70 - 130	
	Xylenes	ND	50.0	4110	4000	103	70 - 130	



Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts
Sample Date: 6/24/2020
Analysis Date: 6/25/2020
Report Date: 6/26/2020

Metrc Batch ID: 1A4010300016315000025751 Metrc Sample ID: 1A4010300016315000025805 Harvest/Process Date: 6/22/2020 Report ID: LS-200626-4 Sample Plan ID:SP-200624-3-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
В	Analyte found in sample and associated blank
С	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
х	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
М	Manual integration
PS	Peaks split
НВ	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