

Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 1/8/2020 Analysis Date: 1/9/2020 Report Date: 1/15/2020

Metrc Batch ID: 1A4010300016315000020896 Metrc Sample ID: 1A4010300016315000020979 Harvest/Process Date: 1/7/2020 Report ID:

LS-200115-5

Potency

Potency Analysis Date: 1/13/2020 Potency Batch ID: CAN_011320C Potency Method: JAOAC 2015.1

82.5%

Total THC

0.282%

Total CBD

Samples: RCX-TGJ-HRR, FTB-SDZ-SDH



Analyte	Description	LOQ	RPD	Min.	Max.	Avg.	Unit: %
Д9ТНС	Delta-9 Tetrahydrocannabinol	0.16	0.980	82.1	82.9	82.5	
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	0.499	ND	0.161	0.0804	•
CBDA	Cannabidiolic acid	0.16	35.9	<l0q< td=""><td>0.230</td><td>0.230</td><td>•</td></l0q<>	0.230	0.230	•
Δ8ΤΗC	Delta-8 Tetrahydrocannabinol*	0.16	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.16	22.1	0.527	0.658	0.593	•
CBG	Cannabigerol*	0.16	12.4	2.44	2.76	2.60	•
CBGA	Cannabigerolic acid*	0.16	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.16	7.59	2.58	2.78	2.68	
CBCA	Cannabichromenic acid*	0.16	0.00	ND	ND	ND	
CBN	Cannabinol	0.16	22.1	0.377	0.471	0.424	•
Total THC	Δ9THC + (THCA × 0.877)		0.980	82.1	82.9	82.5	
Total CBD	CBD + (CBDA × 0.877)		77.5	<l0q< td=""><td>0.363</td><td>0.282</td><td>•</td></l0q<>	0.363	0.282	•
Total			1.10	88.0	90.0	89.1	

Compliance

Pesticides	Within limits	Analysis Date: 1/9/2020	Pass 🕢
Solvents	Within limits	Analysis Date: 1/14/2020	Pass 🕢
Potency	Within limits	Analysis Date: 1/13/2020	Pass 🕢

Bryce Kidd, Ph.D.
Lab Director

Aaron Troyer
Chief Science Officer





Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 1/8/2020 Analysis Date: 1/9/2020 Report Date: 1/15/2020

Metrc Batch ID: 1A4010300016315000020896 Metrc Sample ID: 1A4010300016315000020979

Terpene Analysis Date: 1/9/2020

Terpene Batch ID: TRP 010920A

Harvest/Process Date: 1/7/2020 Report ID:

LS-200115-5

Method: JAOAC 2015.1

Unit: %

Control Terpenes*

Sample Data

Humulene	Analyte	Avg.	Notes
a-Terpineol 0.194% Limonene 0.192% Fenchol 0.171% a-Bisabolol 0.161% Linalool 0.134% B-Myrcene 0.114% Selinadiene 0.0691% Terpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0277% Borneol 0.0178% a-Pinene 0.0165% Caryophyllene Oxide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.0040% Eucalyptol 0.00381% by-Terpinene 0.00287% A3-Carene 0.00287% Azulene ND Camphore ND Camphore ND Camphore ND Camphore ND Camphore ND Camphore ND	β-Caryophyllene	1.72%	
Limonene 0.192% Fenchol 0.171% a-Bisabolol 0.161% Linalool 0.134% B-Myrcene 0.114% Selinadiene 0.0691% Ferpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0178% a-Pinene 0.0165% Caryophyllene 0xide 0.0126% a-Ocimene 0.09528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% by-Terpinene 0.00287% Again and a selection of the complete of the c	Humulene	0.645%	
Fenchol 0.171% a-Bisabolol 0.161% binalool 0.134% B-Myrcene 0.114% Selinadiene 0.0691% Ferpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0286% Sabinene 0.0277% Barneol 0.0178% a-Pinene 0.0165% Caryophyllene 0xide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00494% a-Terpinene 0.00494% A-Terpinene 0.00326% Camphene 0.00287% D-Camphene 0.00287% D-Camphene 0.00287% D-Camphore 0.00170% Azulene ND Camphore ND Camphore ND Camphore ND Commen ND ND Commen ND Commen ND Commen ND Commen ND Commen ND Commen ND ND Commen ND Commen ND Commen ND	α-Terpineol	0.194%	
a-Bisabolol 0.161% Linalool 0.134% B-Myrcene 0.114% Selinadiene 0.0691% Terpinolene 0.0466% B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0178% a-Pinene 0.0165% Caryophyllene Oxide 0.0126% a-Ocimene 0.09528% Fenchone 0.00494% a-Terpinene 0.00408% Eucalyptol 0.00381% y-Terpinene 0.00287% A3-Carene 0.00287% Azulene ND Camphore ND Camphore ND Camphore ND Camphore ND Camphore ND Camphore ND	Limonene	0.192%	
Linalool 0.134% B-Myrcene 0.114% Selinadiene 0.0691% Terpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0178% D-Pinene 0.0165% D-Ocimene 0.0165% D-Ocimene 0.00528% Fenchone 0.00494% D-Terpinene 0.00400% Eucalyptol 0.00381% Y-Terpinene 0.00287% DAG-Carene 0.00287% DAG-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Camphore ND Camphore ND Compner ND Compner ND	Fenchol	0.171%	
B-Myrcene 0.114% Selinadiene 0.0691% Terpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0165% Carpinene 0.0165% Caryophyllene Oxide 0.0126% ca-Ocimene 0.00528% Fenchone 0.00494% ca-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00287% Camphene 0.00287% Camphene 0.00287% Camphore 0.00170% Azulene ND Camphore ND Camphore ND Camphore ND Compene ND	α-Bisabolol	0.161%	
Selinadiene 0.0691% Terpinolene 0.0466% B-Ocimene 0.0344% B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0178% ca-Pinene 0.0165% Caryophyllene Oxide 0.0126% ca-Ocimene 0.00528% Fenchone 0.00494% ca-Terpinene 0.00400% Eucalyptol 0.00381% by-Terpinene 0.00287% Camphene 0.00287% Camphene 0.00287% Camphore 0.00170% Azulene ND Camphore ND Cedrol ND	Linalool	0.134%	
Terpinolene	β-Myrcene	0.114%	
### B-Ocimene ### ### ### ### ### ### ### ### ###	Selinadiene	0.0691%	
B-Pinene 0.0286% Sabinene 0.0277% Borneol 0.0178% a-Pinene 0.0165% Caryophyllene 0xide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00326% Camphene 0.00287% Δ3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND	Terpinolene	0.0466%	
Sabinene 0.0277% Borneol 0.0178% a-Pinene 0.0165% Caryophyllene Oxide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00326% Camphene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Camphore ND Cedrol ND	β-Ocimene	0.0344%	
Borneol 0.0178% a-Pinene 0.0165% Caryophyllene Oxide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00287% Camphene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND	β-Pinene	0.0286%	
a-Pinene 0.0165% Caryophyllene Oxide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00326% Camphene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	Sabinene	0.0277%	
Caryophyllene Oxide 0.0126% a-Ocimene 0.00528% Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% Ay-Terpinene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND	Borneol	0.0178%	
α-Ocimene 0.00528% Fenchone 0.00494% α-Terpinene 0.00400% Eucalyptol 0.00326% Camphene 0.00287% Δ3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	α-Pinene	0.0165%	
Fenchone 0.00494% a-Terpinene 0.00400% Eucalyptol 0.00381% y-Terpinene 0.00326% Camphene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND	Caryophyllene Oxide	0.0126%	
α-Terpinene 0.00400% Eucalyptol 0.00381% γ-Terpinene 0.00326% Camphene 0.00287% Δ3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	α-Ocimene	0.00528%	
Eucalyptol 0.00381% y-Terpinene 0.00326% Camphene 0.00287% \(\Delta \)-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	Fenchone	0.00494%	
Y-Terpinene 0.00326% Camphene 0.00287% Δ3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	α-Terpinene	0.00400%	
Camphene 0.00287% A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	Eucalyptol	0.00381%	
A3-Carene 0.00280% Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	γ-Terpinene	0.00326%	
Nerol 0.00170% Azulene ND Camphore ND Cedrol ND Cymene ND	Camphene	0.00287%	
Azulene ND Camphore ND Cedrol ND Cymene ND	Δ3-Carene	0.00280%	
Camphore ND Cedrol ND Cymene ND	Nerol	0.00170%	
Cedrol ND Cymene ND	Azulene	ND	
Cymene ND	Camphore	ND	
•	Cedrol	ND	
Coraniol ND	Cymene	ND	
Sel gillol ND	Geraniol	ND	

Analyte	Avg.	Notes	
Geranyl Acetate	ND		
Guaiol	ND		
Isoborneol	ND		_
Isopulegol	ND		_
Pulegone	ND		_
Sabinene Hydrate	ND		_
Valencene	ND		_
cis-Nerolidol	ND		
trans-Nerolidol	ND		
α-Cedrene	ND		
$\alpha\text{-Phellandrene}$	ND		
β-Farnesene 1	ND		
β-Farnesene 2	ND		
γ-Terpineol	ND		_
Total	3.62%		



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LS-200115-5

Pesticides
Sample Data

Pesticides Analysis Date: 1/9/2020 Pesticides Batch ID: PST 010920A Method: EN 15662 Unit: μg/g (ppm) Pass 🕢

Analyte	FTB-SDZ-SDH	RCX-TGJ-HRR	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	0.151	0.164	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

,		RCX-TGJ-HRR	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
0xamy1	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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Pestic Puali

Pesticides Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.1	0.915	1.00	91.5	50 - 150	
Acephate	ND	0.1	0.732	1.00	73.2	50 - 150	
Acequinocyl	ND	1.5	0.584	1.00	58.4	50 - 150	
Acetamiprid	ND	0.1	1.14	1.00	114	50 - 150	
Aldicarb	ND	0.1	0.953	1.00	95.3	50 - 150	
Azoxystrobin	ND	0.1	1.13	1.00	113	50 - 150	
Bifenazate	ND	0.1	ND	1.00	1.62	50 - 150	LR
Bifenthrin	ND	0.1	0.803	1.00	80.3	50 - 150	
Boscalid	ND	0.1	0.844	1.00	84.4	50 - 150	
Carbaryl	ND	0.1	0.947	1.00	94.7	50 - 150	
Carbofuran	ND	0.1	1.08	1.00	108	50 - 150	
${\tt Chlorantraniliprole}$	ND	0.1	1.10	1.00	110	50 - 150	
Chlorfenapyr	ND	0.1	1.16	1.00	116	50 - 150	
Chlorpyrifos	ND	0.1	0.923	1.00	92.3	50 - 150	
Clofentezine	ND	0.1	0.855	1.00	85.5	50 - 150	
Cyfluthrin	ND	0.5	1.02	1.00	102	50 - 150	
Cypermethrin	ND	0.1	1.18	1.00	118	50 - 150	
Daminozide	ND	0.5	ND	1.00	4.20	10 - 150	LR
Diazinon	ND	0.1	1.09	1.00	109	50 - 150	
Dichlorvos (DDVP)	ND	0.5	0.973	1.00	97.3	50 - 150	
Dimethoate	ND	0.1	0.950	1.00	95.0	50 - 150	
Ethoprophos	ND	0.1	1.12	1.00	112	50 - 150	
Etofenprox	ND	0.1	0.771	1.00	77.1	50 - 150	
Etoxazole	ND	0.1	0.972	1.00	97.2	50 - 150	
Fenoxycarb	ND	0.1	1.12	1.00	112	50 - 150	
Fenpyroximate	ND	0.1	0.895	1.00	89.5	50 - 150	
Fipronil	ND	0.1	1.16	1.00	116	50 - 150	
Flonicamid	ND	0.1	0.966	1.00	96.6	50 - 150	
Fludioxonil	ND	0.1	1.02	1.00	102	50 - 150	
Hexythiazox	ND	0.1	0.921	1.00	92.1	50 - 150	
Imazalil	ND	0.1	1.10	1.00	110	50 - 150	
Imidacloprid	ND	0.1	0.939	1.00	93.9	50 - 150	
Kresoxim-methyl	ND	0.1	1.03	1.00	103	50 - 150	
Malathion	ND	0.1	1.14	1.00	114	50 - 150	

Pesticides QC Analysis Date: 1/9/2020 Pesticides QC Batch ID: PST 010920A Method: EN 15662 Unit: μg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Metalaxyl	ND	0.1	1.02	1.00	102	50 - 150	
Methiocarb	ND	0.1	1.05	1.00	105	50 - 150	
Methomyl	ND	0.1	0.937	1.00	93.7	50 - 150	
Methyl Parathion	ND	0.2	0.562	1.00	56.2	30 - 150	
MGK-264	ND	0.2	0.661	0.600	110	50 - 150	
Myclobutanil	ND	0.1	1.05	1.00	105	50 - 150	
Naled	ND	0.2	0.883	1.00	88.3	50 - 150	
0xamy1	ND	0.1	0.968	1.00	96.8	50 - 150	
Paclobutrazol	ND	0.1	1.00	1.00	100	50 - 150	
Permethrins	ND	0.1	0.818	1.00	81.8	50 - 150	
Phosmet	ND	0.1	0.976	1.00	97.6	50 - 150	
Piperonyl Butoxide	ND	0.1	0.915	1.00	91.5	50 - 150	
Prallethrin	ND	0.1	0.963	1.00	96.3	50 - 150	
Propiconazole	ND	0.1	1.05	1.00	105	50 - 150	
Propoxur	ND	0.1	0.974	1.00	97.4	50 - 150	
Pyrethrins	ND	0.5	1.01	1.00	101	50 - 150	
Pyridaben	ND	0.1	0.872	1.00	87.2	50 - 150	
Spinosad	ND	0.1	0.857	1.00	85.7	50 - 150	
Spiromesifen	ND	0.1	0.937	1.00	93.7	50 - 150	
Spirotetramat	ND	0.1	1.03	1.00	103	50 - 150	
Spiroxamine	ND	0.1	0.298	1.00	29.8	50 - 150	LR
Tebuconazole	ND	0.1	1.11	1.00	111	50 - 150	
Thiacloprid	ND	0.1	0.974	1.00	97.4	50 - 150	
Thiamethoxam	ND	0.1	1.06	1.00	106	50 - 150	
Trifloxystrobin	ND	0.1	1.23	1.00	123	50 - 150	



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Metrc Batch ID: 1A4010300016315000020896 Metrc Sample ID: 1A4010300016315000020979 Harvest/Process Date: 1/7/2020 Report ID:

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Residual Solvents
Sample Data

Solvents Analysis Date: 1/14/2020 Solvents Batch ID: RES 011420A Method: EPA 5021A Unit: μg/g (ppm) Pass 🕢

Analyte	FTB-SDZ-SDH	RCX-TGJ-HRR	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



Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 1/8/2020 Analysis Date: 1/9/2020 Report Date: 1/15/2020

Metrc Batch ID: 1A4010300016315000020896 Metrc Sample ID: 1A4010300016315000020979 Harvest/Process Date: 1/7/2020 Report ID:

LS-200115-5

Residual Solvents
Quality Control Data

Solvents QC Analysis Date: 1/14/2020 Solvents QC Batch ID: RES 011420A Method: EPA 5021A Unit: μg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
1,4-Dioxane	ND	50.0	921	1000	92.1	70 - 130	
2-Butanol	ND	250.0	908	1000	90.8	70 - 130	
2-Ethoxyethanol	ND	50.0	867	1000	86.7	70 - 130	
Acetone	ND	250.0	898	1000	89.8	70 - 130	
Acetonitrile	ND	50.0	894	1000	89.4	70 - 130	
Benzene	ND	2.0	18.8	20.0	94.2	70 - 130	
Butanes	ND	250.0	1720	2000	86.0	70 - 130	
Cumene	ND	50.0	949	1000	94.9	70 - 130	
Cyclohexane	ND	50.0	903	1000	90.3	70 - 130	
Ethyl Acetate	ND	250.0	917	1000	91.7	70 - 130	
Ethyl Ether	ND	250.0	885	1000	88.5	70 - 130	
Ethylene Glycol	ND	250.0	849	1000	84.9	70 - 130	
Ethylene Oxide	ND	50.0	878	1000	87.8	70 - 130	
Heptane	ND	250.0	903	1000	90.3	70 - 130	
Hexanes	ND	50.0	4440	5000	88.9	70 - 130	
Isopropanol (2-Propanol)	ND	50.0	901	1000	90.1	70 - 130	
Isopropyl Acetate	ND	250.0	908	1000	90.8	70 - 130	
Methanol	ND	250.0	882	1000	88.2	70 - 130	
Dichloromethane	ND	50.0	903	1000	90.3	70 - 130	
Pentanes	ND	250.0	2620	3000	87.4	70 - 130	
Propane	ND	250.0	817	1000	81.7	70 - 130	
Tetrahydrofuran	ND	50.0	905	1000	90.5	70 - 130	
Toluene	ND	50.0	922	1000	92.2	70 - 130	
Xylenes	ND	50.0	3750	4000	93.7	70 - 130	



Farmer's Friend Extracts 6451 NE Colwood Wy Portland, OR 97218 503-442-8653 Sample Type: Extracts Sample Date: 1/8/2020 Analysis Date: 1/9/2020 Report Date: 1/15/2020

Metrc Batch ID: 1A4010300016315000020896 Metrc Sample ID: 1A4010300016315000020979 Harvest/Process Date: 1/7/2020 Report ID:

LS-200115-5

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
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
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