Analytical Results

SC Laboratories Oregon LLC
ORELAP# 4133/OLCC# 1004748743D
15865 SW 74th Ave Suite 110, Tigard, OR
503-272-8830
www.sclabs.com

Sample Name: **Hangover Haze LLR (Indigo-954A) Primary**
Tested for: ***Willamette Valley Alchemy***
Compliance Extract

Laboratory ID: 21B0127-07

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300003909000014098
Lot # NA
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Process Date: 2/15/2021
License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Potency Analysis

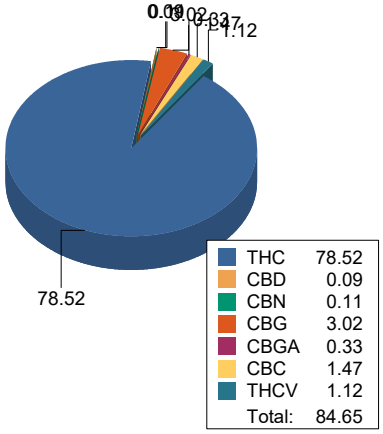
Date Extracted: 02/23/21
Date Analyzed: 02/23/21

Analysis Method: UNODC 5.4.8

*** - ORELAP certified analyte**

Cannabinoids	% weight	mg/g	LOQ (%)
Total THC ((THCA*0.877)+d9)	78.52	785.2	0.09
Total CBD ((CBDA*0.877)+CBD)	< LOQ	< LOQ	0.09
d9-THC (d9-Tetrahydrocannabinol)*	78.52	785.2	0.09
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.12
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.17
CBD (Cannabidiol)*	0.09	0.9	0.09
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ	0.17
CBN (Cannabinol)*	0.11	1.1	0.09
CBG (Cannabigerol)*	3.02	30.2	0.12
CBGA (Cannabigerolic Acid)	0.33	3.3	0.12
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.12
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.12
CBC (Cannabichromene)*	1.47	14.7	0.12
THCV (Tetrahydrocannabivarin)	1.12	11.2	0.12
Total Cannabinoids	84.56	845.6	0.09

Cannabinoids Profile



<LOQ - Results below the Limit of Quantitation - Compound not detected

Breeanna Hamilton For Brian Weigel
Lab Director

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Sample Name: **Hangover Haze LLR (Indigo-954A) Duplicate**
Tested for: ***Willamette Valley Alchemy***
Compliance Extract

Laboratory ID: 21B0127-08

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300003909000014098
Lot # NA
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Process Date: 2/15/2021
License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Potency Analysis

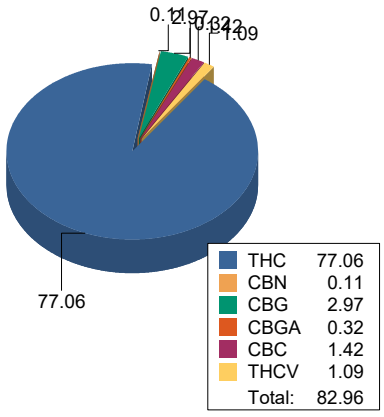
Date Extracted: 02/23/21
Date Analyzed: 02/23/21

Analysis Method: UNODC 5.4.8

*** - ORELAP certified analyte**

Cannabinoids	% weight	mg/g	LOQ (%)
Total THC ((THCA*0.877)+d9)	77.06	770.6	0.09
Total CBD ((CBDA*0.877)+CBD)	< LOQ	< LOQ	0.09
d9-THC (d9-Tetrahydrocannabinol)*	77.06	770.6	0.09
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.12
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.18
CBD (Cannabidiol)*	< LOQ	< LOQ	0.09
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ	0.18
CBN (Cannabinol)*	0.11	1.1	0.09
CBG (Cannabigerol)*	2.97	29.7	0.12
CBGA (Cannabigerolic Acid)	0.32	3.2	0.12
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.12
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.12
CBC (Cannabichromene)*	1.42	14.2	0.12
THCV (Tetrahydrocannabivarin)	1.09	10.9	0.12
Total Cannabinoids	82.96	829.6	0.09

Cannabinoids Profile



<LOQ - Results below the Limit of Quantitation - Compound not detected

Sample Name: Hangover Haze LLR (Indigo-954A)

Sample Metrc ID: 1A4010300003909000014098

	Primary Result %	Duplicate Result %	Average %	% RPD	Pass/Fail (<15%RPD)
Total THC ((THCA*0.877)+d9)	78.52	77.06	77.79	1.88	PASS
Total CBD ((CBDA*0.877)+CBD)	< LOQ	< LOQ	NA	NA	PASS

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Lab Director

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Sample Name: **Hangover Haze LLR (Indigo-954A) P**
Tested for: **Willamette Valley Alchemy**
Compliance Extract

License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Laboratory ID: 21B0127-07
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300003909000014098
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Terpene Analysis

Date Extracted: 02/23/21
Date Analyzed: 02/23/21

Analysis Method: Terpenes by GCFID

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.202	0.105	beta Myrcene	0.884	0.105
alpha Phellandrene	0.125	0.105	3-Carene	< LOQ	0.105
alpha Terpinene	0.123	0.105	Limonene	0.403	0.105
Terpinolene	3.737	0.105	Linalool	0.159	0.105
Fenchol	< LOQ	0.105	Borneol	< LOQ	0.105
Terpineol	0.271	0.105	Geraniol	< LOQ	0.105
alpha Humulene	0.509	0.105	beta Caryophyllene	1.594	0.105
(-)-Caryophyllene Oxide	< LOQ	0.105	(-)-alpha Bisabolol	0.146	0.105
Camphene	< LOQ	0.105	beta Pinene	0.134	0.105
Ocimene	0.672	0.105	Sabinene	< LOQ	0.105
Camphor	< LOQ	0.105	Isoborneol	< LOQ	0.105
Menthol	< LOQ	0.105	alpha Cedrene	< LOQ	0.105
Nerolidol	< LOQ	0.105	(+)-Pulegone	< LOQ	0.105
Eucalyptol	< LOQ	0.105	p-Cymene	< LOQ	0.105
(-)-Isopulegol	< LOQ	0.105	Geranyl Acetate	< LOQ	0.105
Guaiol	< LOQ	0.105	Valencene	< LOQ	0.105
Phytol	< LOQ	0.105	Citronellol	< LOQ	0.105
gamma Terpinene	< LOQ	0.105			
			Total Terpenes	**8.960 %**	

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Terpene Analysis is not ORELAP Accredited.

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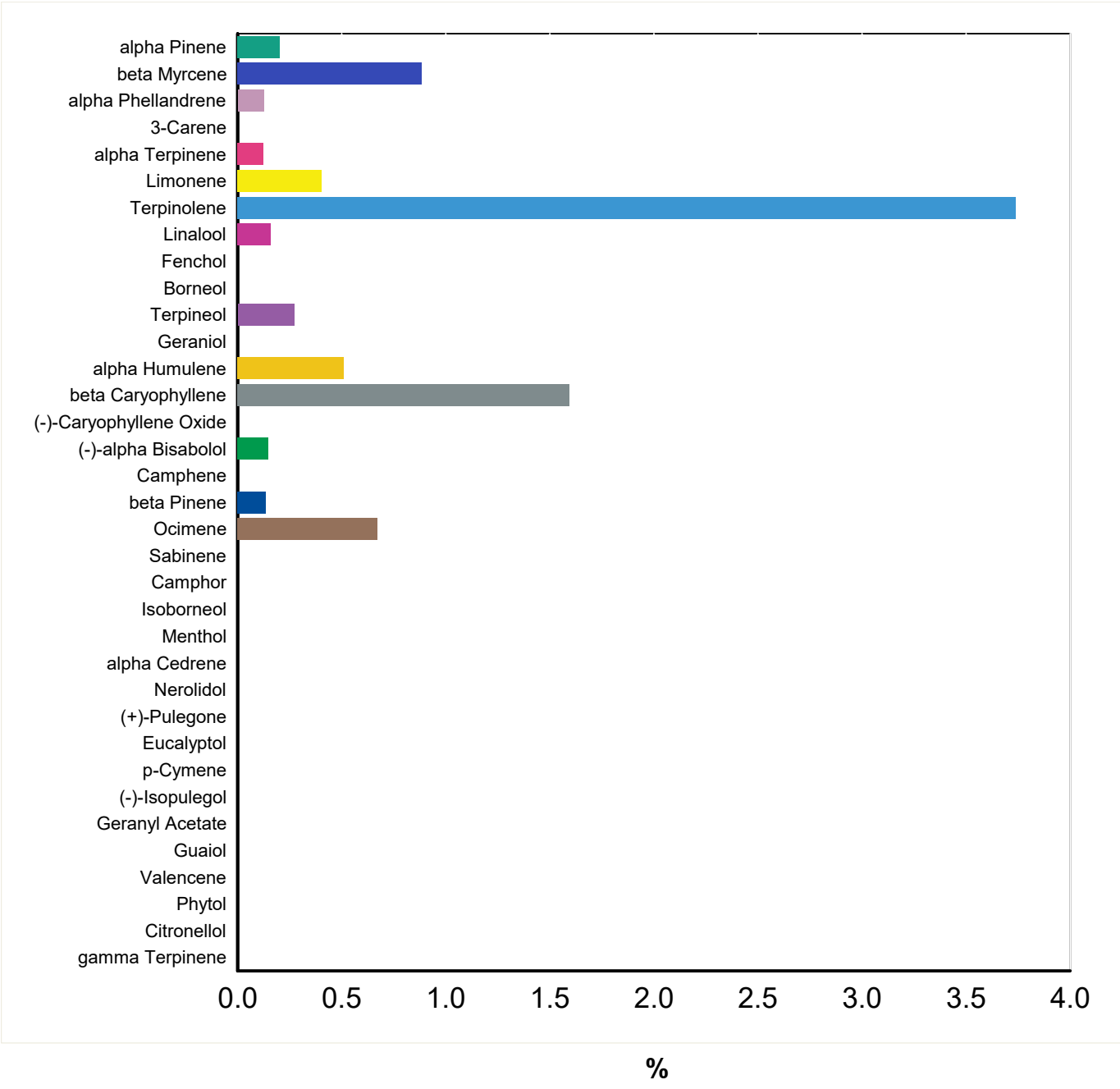
Sample Name: **Hangover Haze LLR (Indigo-954A) Primary**
Tested for: **Willamette Valley Alchemy**
Compliance Extract

License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21 15:31

Laboratory ID: 21B0127-07 **Matrix: Extracts and** **Client/Metrc ID: 1A4010300003909000014098**

Terpene Profile



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Sample Name: **Hangover Haze LLR (Indigo-954A) Primary**
Tested for: ***Willamette Valley Alchemy***
Compliance Extract

License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Laboratory ID: 21B0127-07
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300003909000014098
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Pesticide Analysis in ppm

Date Extracted: 02/22/21
Date Analyzed: 02/23/21

Analysis Method: AOAC 2007.01 & EN 15662
Results above the action levels are highlighed in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.249	Acephate	< LOQ	0.4	0.199
Acequinocyl	< LOQ	2	0.995	Acetamiprid	< LOQ	0.2	0.100
Aldicarb	< LOQ	0.4	0.199	Azoxystrobin	< LOQ	0.2	0.100
Bifenazate	< LOQ	0.2	0.100	Bifenthrin	< LOQ	0.2	0.100
Boscalid	< LOQ	0.4	0.199	Carbaryl	< LOQ	0.2	0.100
Carbofuran	< LOQ	0.2	0.100	Chlorantraniliprole	< LOQ	0.2	0.100
Chlorfenapyr	< LOQ	1	0.498	Chlorpyrifos	< LOQ	0.2	0.100
Clofentezine	< LOQ	0.2	0.100	Cyfluthrin	< LOQ	1	0.498
Cypermethrin	< LOQ	1	0.498	Daminozide	< LOQ	1	0.498
DDVP (Dichlorvos)	< LOQ	1	0.498	Diazinon	< LOQ	0.2	0.100
Dimethoate	< LOQ	0.2	0.100	Ethoprophos	< LOQ	0.2	0.100
Etofenprox	< LOQ	0.4	0.199	Etoxazole	< LOQ	0.2	0.100
Fenoxycarb	< LOQ	0.2	0.100	Fenpyroximate	< LOQ	0.4	0.199
Fipronil	< LOQ	0.4	0.199	Flonicamid	< LOQ	1	0.498
Fludioxonil	< LOQ	0.4	0.199	Hexythiazox	< LOQ	1	0.498
Imazalil	< LOQ	0.2	0.100	Imidacloprid	< LOQ	0.4	0.199
Kresoxim-methyl	< LOQ	0.4	0.199	Malathion	< LOQ	0.2	0.100
Metalaxyl	< LOQ	0.2	0.100	Methiocarb	< LOQ	0.2	0.100
Methomyl	< LOQ	0.4	0.199	Methyl parathion	< LOQ	0.2	0.100
MGK-264	< LOQ	0.2	0.100	Myclobutanil	< LOQ	0.2	0.100
Naled	< LOQ	0.5	0.249	Oxamyl	< LOQ	1	0.498
Paclobutrazol	< LOQ	0.4	0.199	Permethrins (total)	< LOQ	0.2	0.100
Phosmet	< LOQ	0.2	0.100	Piperonyl butoxide	< LOQ	2	0.498
Prallethrin	< LOQ	0.2	0.100	Propiconazole	< LOQ	0.4	0.199
Propoxur	< LOQ	0.2	0.100	Pyrethrins (total)	< LOQ	1	0.498
Pyridaben	< LOQ	0.2	0.100	Spinosad	< LOQ	0.2	0.100
Spiromesifen	< LOQ	0.2	0.100	Spirotetramat	< LOQ	0.2	0.100
Spiroxamine	< LOQ	0.4	0.199	Tebuconazole	< LOQ	0.4	0.199
Thiacloprid	< LOQ	0.2	0.100	Thiamethoxam	< LOQ	0.2	0.100
Trifloxystrobin	< LOQ	0.2	0.100				

<LOQ - Results below the Limit of Quantitation - Compound not detected

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Lab Director

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Tested for: ***Willamette Valley Alchemy***
Compliance Extract

License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Laboratory ID: 21B0127-08
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300003909000014098
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Pesticide Analysis in ppm

Date Extracted: 02/22/21
Date Analyzed: 02/23/21

Analysis Method: AOAC 2007.01 & EN 15662
Results above the action levels are highlighed in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.248	Acephate	< LOQ	0.4	0.199
Acequinocyl	< LOQ	2	0.994	Acetamiprid	< LOQ	0.2	0.099
Aldicarb	< LOQ	0.4	0.199	Azoxystrobin	< LOQ	0.2	0.099
Bifenazate	< LOQ	0.2	0.099	Bifenthrin	< LOQ	0.2	0.099
Boscalid	< LOQ	0.4	0.199	Carbaryl	< LOQ	0.2	0.099
Carbofuran	< LOQ	0.2	0.099	Chlorantraniliprole	< LOQ	0.2	0.099
Chlorfenapyr	< LOQ	1	0.497	Chlorpyrifos	< LOQ	0.2	0.099
Clofentezine	< LOQ	0.2	0.099	Cyfluthrin	< LOQ	1	0.497
Cypermethrin	< LOQ	1	0.497	Daminozide	< LOQ	1	0.497
DDVP (Dichlorvos)	< LOQ	1	0.497	Diazinon	< LOQ	0.2	0.099
Dimethoate	< LOQ	0.2	0.099	Ethoprophos	< LOQ	0.2	0.099
Etofenprox	< LOQ	0.4	0.199	Etoxazole	< LOQ	0.2	0.099
Fenoxycarb	< LOQ	0.2	0.099	Fenpyroximate	< LOQ	0.4	0.199
Fipronil	< LOQ	0.4	0.199	Flonicamid	< LOQ	1	0.497
Fludioxonil	< LOQ	0.4	0.199	Hexythiazox	< LOQ	1	0.497
Imazalil	< LOQ	0.2	0.099	Imidacloprid	< LOQ	0.4	0.199
Kresoxim-methyl	< LOQ	0.4	0.199	Malathion	< LOQ	0.2	0.099
Metalaxyl	< LOQ	0.2	0.099	Methiocarb	< LOQ	0.2	0.099
Methomyl	< LOQ	0.4	0.199	Methyl parathion	< LOQ	0.2	0.099
MGK-264	< LOQ	0.2	0.099	Myclobutanil	< LOQ	0.2	0.099
Naled	< LOQ	0.5	0.248	Oxamyl	< LOQ	1	0.497
Paclobutrazol	< LOQ	0.4	0.199	Permethrins (total)	< LOQ	0.2	0.099
Phosmet	< LOQ	0.2	0.099	Piperonyl butoxide	< LOQ	2	0.497
Prallethrin	< LOQ	0.2	0.099	Propiconazole	< LOQ	0.4	0.199
Propoxur	< LOQ	0.2	0.099	Pyrethrins (total)	< LOQ	1	0.497
Pyridaben	< LOQ	0.2	0.099	Spinosad	< LOQ	0.2	0.099
Spiromesifen	< LOQ	0.2	0.099	Spirotetramat	< LOQ	0.2	0.099
Spiroxamine	< LOQ	0.4	0.199	Tebuconazole	< LOQ	0.4	0.199
Thiacloprid	< LOQ	0.2	0.099	Thiamethoxam	< LOQ	0.2	0.099
Trifloxystrobin	< LOQ	0.2	0.099				

<LOQ - Results below the Limit of Quantitation - Compound not detected

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Lab Director

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Sample Name: **Hangover Haze LLR (Indigo-954A) Primary**
Tested for: ***Willamette Valley Alchemy***
Compliance Extract

License: 1000096CBB6
Date Sampled: 02/16/21 00:00
Date Accepted: 02/16/21

Laboratory ID: 21B0127-07
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300003909000014098
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Residual Solvents

Date Extracted: 02/19/21
Date Analyzed: 02/19/21
Analysis Method: USP 467

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	188
2-Butanol	< LOQ	5000	2470
2-Ethoxyethanol	< LOQ	160	79.0
2-Propanol (IPA)	< LOQ	5000	2470
Acetone	< LOQ	5000	2470
Acetonitrile	< LOQ	400	202
Benzene	< LOQ	2	0.988
Butanes	< LOQ	5000	2470
Cyclohexane	< LOQ	3880	1920
Dichloromethane (methylene chloride)	< LOQ	600	296
Ethyl acetate	< LOQ	5000	2470
Ethyl ether	< LOQ	5000	2470
Ethylbenzene	< LOQ	2170	1070
Ethylene glycol	< LOQ	620	306
Ethylene oxide	< LOQ	50	24.7
Heptane	< LOQ	5000	2470
Hexanes	< LOQ	290	143
Isopropyl acetate	< LOQ	5000	2470
Isopropylbenzene (cumene)	< LOQ	70	34.6
Methanol	< LOQ	3000	1480
Pentanes	< LOQ	5000	2470
Propane	< LOQ	5000	2470
Tetrahydrofuran	< LOQ	720	356
Toluene	< LOQ	890	440
Xylenes	< LOQ	2170	1070

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red #.

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Compliance Extract

License: 1000096CBB6
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Date Accepted: 02/16/21

Laboratory ID: 21B0127-08
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300003909000014098
Batch RFID: 1A4010300003909000014092
Batch Size: 688 (g)

Residual Solvents

Date Extracted: 02/19/21
Date Analyzed: 02/19/21
Analysis Method: USP 467

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	193
2-Butanol	< LOQ	5000	2540
2-Ethoxyethanol	< LOQ	160	81.4
2-Propanol (IPA)	< LOQ	5000	2540
Acetone	< LOQ	5000	2540
Acetonitrile	< LOQ	400	209
Benzene	< LOQ	2	1.02
Butanes	< LOQ	5000	2540
Cyclohexane	< LOQ	3880	1970
Dichloromethane (methylene chloride)	< LOQ	600	305
Ethyl acetate	< LOQ	5000	2540
Ethyl ether	< LOQ	5000	2540
Ethylbenzene	< LOQ	2170	1100
Ethylene glycol	< LOQ	620	316
Ethylene oxide	< LOQ	50	25.4
Heptane	< LOQ	5000	2540
Hexanes	< LOQ	290	148
Isopropyl acetate	< LOQ	5000	2540
Isopropylbenzene (cumene)	< LOQ	70	35.6
Methanol	< LOQ	3000	1530
Pentanes	< LOQ	5000	2540
Propane	< LOQ	5000	2540
Tetrahydrofuran	< LOQ	720	366
Toluene	< LOQ	890	453
Xylenes	< LOQ	2170	1100

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red #.

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Case Narrative

Residual Solvent - Isopropylbenzene was above normally accepted recovery criteria in the Matrix Spike and Matrix Spike Duplicate due to pinene coelution. Acetone and total Pentanes were above normally accepted recovery criteria in the Blank Spike. Analytes were below the reporting limit in all client samples.

Pesticides - Etoxazole, Pyridaben, and Spiroxamine recovered above the upper acceptance limit in the Blank Spike. Abamectin recovered above the upper acceptance limit in the Matrix Spike and/or Matrix Spike Duplicate. Analytes were below the reporting limit in all client samples.

Quality Control

Potency

Batch: B210524 - Potency/Terpenes

Blank(B210524-BLK1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:12**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	< LOQ	%						
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%						
THCA (d9-Tetrahydrocannabinolic Acid)	< LOQ	%						
CBD (Cannabidiol)	< LOQ	%						
CBDA (Cannabidiolic Acid)	< LOQ	%						
CBN (Cannabinol)	< LOQ	%						
CBG (Cannabigerol)	< LOQ	%						
CBGA (Cannabigerolic Acid)	< LOQ	%						
CBDV (Cannabidivarin)	< LOQ	%						
CBDVA (Cannabidivarinic Acid)	< LOQ	%						
CBC (Cannabichromene)	< LOQ	%						
THCV (Tetrahydrocannabivarin)	< LOQ	%						

Duplicate(B210524-DUP1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	48.88	%		46.73			4.49	20
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%		< LOQ				20
THCA (d9-Tetrahydrocannabinolic Acid)	34.71	%		37.21			6.96	20
CBD (Cannabidiol)	< LOQ	%		< LOQ				20
CBDA (Cannabidiolic Acid)	0.07	%		0.07			4.73	20
CBN (Cannabinol)	0.08	%		0.07			11.2	20
CBG (Cannabigerol)	1.42	%		1.36			3.90	20
CBGA (Cannabigerolic Acid)	1.04	%		1.01			2.45	20
CBDV (Cannabidivarin)	< LOQ	%		< LOQ				20

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Quality Control

Potency (Continued)

Batch: B210524 - Potency/Terpenes (Continued)

Duplicate(B210524-DUP1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
CBDVA (Cannabidivarinic Acid)	< LOQ	%		< LOQ				20
CBC (Cannabichromene)	0.27	%		0.27			1.12	20
THCV (Tetrahydrocannabivarin)	0.21	%		0.19			8.32	20

LCS(B210524-BS1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:03**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	0.21	%	0.200		104	80-120		
CBD (Cannabidiol)	0.21	%	0.200		104	80-120		
CBDA (Cannabidiolic Acid)	0.19	%	0.200		93.3	80-120		
CBN (Cannabinol)	0.19	%	0.200		96.6	80-120		

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Quality Control
Pesticide Analysis

Batch: B210511 - Pesticide Prep

Blank(B210511-BLK1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 19:41**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	< LOQ	ppm						
Acephate	< LOQ	ppm						
Acequinocyl	< LOQ	ppm						
Acetamiprid	< LOQ	ppm						
Aldicarb	< LOQ	ppm						
Azoxystrobin	< LOQ	ppm						
Bifenazate	< LOQ	ppm						
Bifenthrin	< LOQ	ppm						
Boscalid	< LOQ	ppm						
Carbaryl	< LOQ	ppm						
Carbofuran	< LOQ	ppm						
Chlorantraniliprole	< LOQ	ppm						
Chlorfenapyr	< LOQ	ppm						
Chlorpyrifos	< LOQ	ppm						
Clofentezine	< LOQ	ppm						
Cyfluthrin	< LOQ	ppm						
Cypermethrin	< LOQ	ppm						
Daminozide	< LOQ	ppm						
DDVP (Dichlorvos)	< LOQ	ppm						
Diazinon	< LOQ	ppm						
Dimethoate	< LOQ	ppm						
Ethoprophos	< LOQ	ppm						
Etofenprox	< LOQ	ppm						
Etoxazole	< LOQ	ppm						
Fenoxycarb	< LOQ	ppm						
Fenpyroximate	< LOQ	ppm						
Fipronil	< LOQ	ppm						
Flonicamid	< LOQ	ppm						
Fludioxonil	< LOQ	ppm						
Hexythiazox	< LOQ	ppm						
Imazalil	< LOQ	ppm						
Imidacloprid	< LOQ	ppm						
Kresoxim-methyl	< LOQ	ppm						
Malathion	< LOQ	ppm						
Metalaxyl	< LOQ	ppm						

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Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

Blank(B210511-BLK1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 19:41**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclobutrazol	< LOQ	ppm						
Permethrins (total)	< LOQ	ppm						
Phosmet	< LOQ	ppm						
Piperonyl butoxide	< LOQ	ppm						
Prallethrin	< LOQ	ppm						
Propiconazole	< LOQ	ppm						
Propoxur	< LOQ	ppm						
Pyrethrins (total)	< LOQ	ppm						
Pyridaben	< LOQ	ppm						
Spinosad	< LOQ	ppm						
Spiromesifen	< LOQ	ppm						
Spirotetramat	< LOQ	ppm						
Spiroxamine	< LOQ	ppm						
Tebuconazole	< LOQ	ppm						
Thiacloprid	< LOQ	ppm						
Thiamethoxam	< LOQ	ppm						
Trifloxystrobin	< LOQ	ppm						

LCS(B210511-BS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 19:57**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.16	ppm	0.980		119	15-180		
Acephate	1.19	ppm	1.00		119	51-141		
Acequinocyl	0.57	ppm	1.00		57.1	16.9-111		
Acetamiprid	1.17	ppm	1.00		117	50-150		
Aldicarb	1.22	ppm	1.00		122	49-146		
Azoxystrobin	1.26	ppm	1.00		126	52-136		
Bifenazate	1.02	ppm	1.00		102	41-133		
Bifenthrin	0.96	ppm	1.00		96.4	22-130		

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Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

LCS(B210511-BS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 19:57**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Boscalid	1.10	ppm	1.00		110	29-144		
Carbaryl	1.15	ppm	1.00		115	61-127		
Carbofuran	1.18	ppm	1.00		118	62-136		
Chlorantraniliprole	1.16	ppm	1.00		116	41-150		
Chlorfenapyr	0.97	ppm	1.00		97.3	40-160		
Chlorpyrifos	1.09	ppm	1.00		109	29-124		
Clofentezine	1.03	ppm	1.00		103	40-127		
Cyfluthrin	0.98	ppm	1.00		98.0	55-165		
Cypermethrin	1.07	ppm	1.00		107	21-144		
Daminozide	0.64	ppm	1.00		64.2	15-145		
DDVP (Dichlorvos)	1.09	ppm	1.00		109	55-150		
Diazinon	1.13	ppm	1.00		113	43-127		
Dimethoate	1.16	ppm	1.00		116	62-136		
Ethoprophos	1.18	ppm	1.00		118	45-142		
Etofenprox	1.12	ppm	1.00		112	24-113		
Etoxazole	1.25	ppm	1.00		125	34-121		
Fenoxycarb	1.10	ppm	1.00		110	22-150		
Fenpyroximate	1.15	ppm	1.00		115	34-144		
Fipronil	1.07	ppm	1.00		107	25-149		
Flonicamid	0.95	ppm	1.00		95.3	53-144		
Fludioxonil	0.98	ppm	1.00		98.2	29-132		
Hexythiazox	1.06	ppm	1.00		106	22-111		
Imazalil	1.17	ppm	1.00		117	48-125		
Imidacloprid	1.12	ppm	1.00		112	41-150		
Kresoxim-methyl	1.13	ppm	1.00		113	43-140		
Malathion	1.19	ppm	1.00		119	25-148		
Metalaxyl	1.21	ppm	1.00		121	50-136		
Methiocarb	1.15	ppm	1.00		115	56-132		
Methomyl	1.17	ppm	1.00		117	40-150		
Methyl parathion	0.95	ppm	1.00		95.0	35-160		
MGK-264	0.60	ppm	0.590		102	32-134		
Myclobutanil	1.01	ppm	1.00		101	43-141		
Naled	1.00	ppm	1.00		99.8	15-136		
Oxamyl	1.15	ppm	1.00		115	56-133		
Paclobutrazol	1.10	ppm	1.00		110	34-143		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

LCS(B210511-BS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 19:57**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Permethrins (total)	1.09	ppm	1.00		109	31-113		
Phosmet	1.16	ppm	1.00		116	53-124		
Piperonyl butoxide	1.23	ppm	1.00		123	39-128		
Prallethrin	1.08	ppm	1.00		108	43-140		
Propiconazole	1.02	ppm	1.00		102	47-124		
Propoxur	1.17	ppm	1.00		117	63-135		
Pyrethrins (total)	0.63	ppm	0.580		108	19-144		
Pyridaben	1.23	ppm	1.00		123	31-122		
Spinosad	0.89	ppm	0.710		126	24-147		
Spiromesifen	1.11	ppm	1.00		111	49-133		
Spirotetramat	1.22	ppm	1.00		122	29-150		
Spiroxamine	1.26	ppm	1.00		126	15-122		
Tebuconazole	1.10	ppm	1.00		110	40-133		
Thiacloprid	1.17	ppm	1.00		117	60-143		
Thiamethoxam	1.19	ppm	1.00		119	42-146		
Trifloxystrobin	1.21	ppm	1.00		121	41-148		

Matrix Spike(B210511-MS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 20:13**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	2.35	ppm	0.957	< LOQ	246	55-190		
Acephate	1.09	ppm	0.977	< LOQ	111	48-131		
Acequinocyl	0.19	ppm	0.977	< LOQ	19.5	15-119		
Acetamiprid	1.11	ppm	0.977	< LOQ	114	50-145		
Aldicarb	1.13	ppm	0.977	< LOQ	115	53-133		
Azoxystrobin	1.15	ppm	0.977	< LOQ	117	35-147		
Bifenazate	1.07	ppm	0.977	< LOQ	110	43-143		
Bifenthrin	0.58	ppm	0.977	< LOQ	59.3	16-107		
Boscalid	0.99	ppm	0.977	< LOQ	101	42-140		
Carbaryl	1.04	ppm	0.977	< LOQ	106	71-113		
Carbofuran	1.08	ppm	0.977	< LOQ	110	73-118		
Chlorantraniliprole	1.08	ppm	0.977	< LOQ	110	45-136		
Chlorfenapyr	0.75	ppm	0.977	< LOQ	77.0	40-190		
Chlorpyrifos	0.78	ppm	0.977	< LOQ	80.2	24-125		
Clofentezine	0.74	ppm	0.977	< LOQ	75.7	38-118		
Cyfluthrin	0.93	ppm	0.977	< LOQ	94.9	35-170		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

Matrix Spike(B210511-MS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 20:13**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Cypermethrin	1.26	ppm	0.977	< LOQ	129	38-150		
Daminozide	0.56	ppm	0.977	< LOQ	57.4	16-160		
DDVP (Dichlorvos)	1.04	ppm	0.977	< LOQ	106	64-124		
Diazinon	1.16	ppm	0.977	< LOQ	119	50-123		
Dimethoate	1.06	ppm	0.977	< LOQ	108	69-116		
Ethoprophos	1.08	ppm	0.977	< LOQ	110	39-146		
Etofenprox	0.73	ppm	0.977	< LOQ	75.0	31-117		
Etoxazole	0.97	ppm	0.977	< LOQ	99.6	35-136		
Fenoxycarb	1.00	ppm	0.977	< LOQ	102	23-150		
Fenpyroximate	1.24	ppm	0.977	< LOQ	127	30-143		
Fipronil	0.98	ppm	0.977	< LOQ	100	15-150		
Flonicamid	0.85	ppm	0.977	< LOQ	87.3	50-131		
Fludioxonil	1.00	ppm	0.977	< LOQ	102	44-150		
Hexythiazox	1.02	ppm	0.977	< LOQ	104	34-144		
Imazalil	1.03	ppm	0.977	< LOQ	105	54-124		
Imidacloprid	1.12	ppm	0.977	< LOQ	115	39-150		
Kresoxim-methyl	1.05	ppm	0.977	< LOQ	107	46-134		
Malathion	1.14	ppm	0.977	< LOQ	116	26-148		
Metalaxyl	1.13	ppm	0.977	< LOQ	115	60-127		
Methiocarb	1.07	ppm	0.977	< LOQ	109	50-131		
Methomyl	1.06	ppm	0.977	< LOQ	109	47-135		
Methyl parathion	0.79	ppm	0.977	< LOQ	81.2	33.5-156		
MGK-264	0.53	ppm	0.576	< LOQ	91.6	20-130		
Myclobutanil	0.91	ppm	0.977	< LOQ	92.9	43-134		
Naled	0.90	ppm	0.977	< LOQ	91.9	38-140		
Oxamyl	1.05	ppm	0.977	< LOQ	108	48-127		
Paclobutrazol	1.00	ppm	0.977	< LOQ	102	30-136		
Permethrins (total)	0.93	ppm	0.977	< LOQ	95.2	20-120		
Phosmet	1.05	ppm	0.977	< LOQ	107	51-134		
Piperonyl butoxide	0.79	ppm	0.977	< LOQ	81.0	36-134		
Prallethrin	1.01	ppm	0.977	< LOQ	103	23-149		
Propiconazole	0.99	ppm	0.977	< LOQ	102	45-133		
Propoxur	1.12	ppm	0.977	< LOQ	115	59-130		
Pyrethrins (total)	0.70	ppm	0.566	< LOQ	123	15-146		
Pyridaben	0.86	ppm	0.977	< LOQ	88.3	15-150		

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Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

Matrix Spike(B210511-MS1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21 20:13**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Spinosad	0.81	ppm	0.693	< LOQ	117	23-150		
Spiromesifen	0.84	ppm	0.977	< LOQ	85.5	27-127		
Spirotetramat	1.17	ppm	0.977	< LOQ	120	33-150		
Spiroxamine	0.85	ppm	0.977	< LOQ	86.8	54-134		
Tebuconazole	1.13	ppm	0.977	< LOQ	115	22-126		
Thiacloprid	1.09	ppm	0.977	< LOQ	112	53-138		
Thiamethoxam	1.08	ppm	0.977	< LOQ	110	40-134		
Trifloxystrobin	1.13	ppm	0.977	< LOQ	116	25-140		

Matrix Spike Dup(B210511-MSD1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	2.22	ppm	0.974	< LOQ	228	55-190	7.38	40
Acephate	1.15	ppm	0.994	< LOQ	115	48-131	3.57	26
Acequinocyl	0.20	ppm	0.994	< LOQ	20.0	15-119	2.41	50
Acetamiprid	1.09	ppm	0.994	< LOQ	109	50-145	4.23	30
Aldicarb	1.16	ppm	0.994	< LOQ	116	53-133	0.756	30
Azoxystrobin	1.17	ppm	0.994	< LOQ	118	35-147	0.353	29
Bifenazate	1.08	ppm	0.994	< LOQ	109	43-143	0.731	30
Bifenthrin	0.58	ppm	0.994	< LOQ	57.9	16-107	2.30	29
Boscalid	1.01	ppm	0.994	< LOQ	102	42-140	0.866	30
Carbaryl	1.06	ppm	0.994	< LOQ	107	71-113	0.340	20
Carbofuran	1.12	ppm	0.994	< LOQ	113	73-118	2.34	20
Chlorantraniliprole	1.02	ppm	0.994	< LOQ	103	45-136	7.05	30
Chlorfenapyr	0.87	ppm	0.994	< LOQ	87.5	40-190	12.8	50
Chlorpyrifos	0.80	ppm	0.994	< LOQ	80.3	24-125	0.0878	29
Clofentezine	0.82	ppm	0.994	< LOQ	82.3	38-118	8.38	26
Cyfluthrin	0.83	ppm	0.994	< LOQ	83.6	35-170	12.7	50
Cypermethrin	1.27	ppm	0.994	< LOQ	128	38-150	0.502	30
Daminozide	0.59	ppm	0.994	< LOQ	59.3	16-160	3.26	26
DDVP (Dichlorvos)	1.02	ppm	0.994	< LOQ	102	64-124	3.50	27
Diazinon	1.11	ppm	0.994	< LOQ	112	50-123	5.69	20
Dimethoate	1.10	ppm	0.994	< LOQ	111	69-116	2.67	20
Ethoprophos	1.09	ppm	0.994	< LOQ	110	39-146	0.480	30
Etofenprox	0.74	ppm	0.994	< LOQ	74.1	31-117	1.20	27
Etoxazole	0.98	ppm	0.994	< LOQ	98.3	35-136	1.29	30

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Lab Director

Quality Control

Pesticide Analysis (Continued)

Batch: B210511 - Pesticide Prep (Continued)

Matrix Spike Dup(B210511-MSD1) **Extracted - 02/22/21 11:49 Analyzed - 02/22/21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Fenoxycarb	1.03	ppm	0.994	< LOQ	103	23-150	1.10	40
Fenpyroximate	1.26	ppm	0.994	< LOQ	127	30-143	0.0759	26
Fipronil	0.97	ppm	0.994	< LOQ	97.9	15-150	2.52	30
Flonicamid	0.88	ppm	0.994	< LOQ	88.8	50-131	1.71	26
Fludioxonil	0.93	ppm	0.994	< LOQ	93.5	44-150	9.03	30
Hexythiazox	1.01	ppm	0.994	< LOQ	102	34-144	2.29	28
Imazalil	1.03	ppm	0.994	< LOQ	103	54-124	1.89	24
Imidacloprid	1.05	ppm	0.994	< LOQ	106	39-150	8.26	30
Kresoxim-methyl	1.05	ppm	0.994	< LOQ	106	46-134	1.34	20
Malathion	1.12	ppm	0.994	< LOQ	113	26-148	2.86	50
Metalaxyl	1.13	ppm	0.994	< LOQ	114	60-127	1.60	30
Methiocarb	1.08	ppm	0.994	< LOQ	109	50-131	0.502	30
Methomyl	1.16	ppm	0.994	< LOQ	117	47-135	7.14	20
Methyl parathion	0.88	ppm	0.994	< LOQ	89.0	33.5-156	9.10	50
MGK-264	0.54	ppm	0.586	< LOQ	92.3	20-130	0.760	30
Myclobutanil	0.89	ppm	0.994	< LOQ	89.8	43-134	3.46	30
Naled	0.92	ppm	0.994	< LOQ	92.3	38-140	0.406	30
Oxamyl	1.10	ppm	0.994	< LOQ	110	48-127	2.25	28
Paclobutrazol	0.99	ppm	0.994	< LOQ	99.7	30-136	2.54	30
Permethrins (total)	0.93	ppm	0.994	< LOQ	93.2	20-120	2.12	28
Phosmet	1.07	ppm	0.994	< LOQ	108	51-134	0.354	30
Piperonyl butoxide	0.79	ppm	0.994	< LOQ	79.8	36-134	1.46	30
Prallethrin	1.06	ppm	0.994	< LOQ	107	23-149	3.40	30
Propiconazole	1.02	ppm	0.994	< LOQ	102	45-133	0.384	30
Propoxur	1.11	ppm	0.994	< LOQ	112	59-130	2.37	29
Pyrethrins (total)	0.73	ppm	0.576	< LOQ	127	15-146	3.18	28
Pyridaben	0.86	ppm	0.994	< LOQ	86.5	15-150	2.10	29
Spinosad	0.81	ppm	0.706	< LOQ	115	23-150	2.39	30
Spiromesifen	0.85	ppm	0.994	< LOQ	85.8	27-127	0.322	28
Spirotetramat	1.18	ppm	0.994	< LOQ	118	33-150	1.19	30
Spiroxamine	0.86	ppm	0.994	< LOQ	86.2	54-134	0.709	30
Tebuconazole	1.09	ppm	0.994	< LOQ	110	22-126	5.18	21
Thiacloprid	1.05	ppm	0.994	< LOQ	106	53-138	5.29	30
Thiamethoxam	1.09	ppm	0.994	< LOQ	110	40-134	0.553	28
Trifloxystrobin	1.14	ppm	0.994	< LOQ	115	25-140	0.789	30

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Quality Control
Solvent Analysis

Batch: B210508 - Residual Solvent Prep

Blank(B210508-BLK1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21 19:04**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	< LOQ	ug/g						
2-Butanol	< LOQ	ug/g						
2-Ethoxyethanol	< LOQ	ug/g						
2-Propanol (IPA)	< LOQ	ug/g						
Acetone	< LOQ	ug/g						
Acetonitrile	< LOQ	ug/g						
Benzene	< LOQ	ug/g						
Butanes	< LOQ	ug/g						
Cyclohexane	< LOQ	ug/g						
Dichloromethane (methylene chloride)	< LOQ	ug/g						
Ethyl acetate	< LOQ	ug/g						
Ethyl ether	< LOQ	ug/g						
Ethylbenzene	< LOQ	ug/g						
Ethylene glycol	< LOQ	ug/g						
Ethylene oxide	< LOQ	ug/g						
Heptane	< LOQ	ug/g						
Hexanes	< LOQ	ug/g						
Isopropyl acetate	< LOQ	ug/g						
Isopropylbenzene (cumene)	< LOQ	ug/g						
Methanol	< LOQ	ug/g						
Pentanes	< LOQ	ug/g						
Propane	< LOQ	ug/g						
Tetrahydrofuran	< LOQ	ug/g						
Toluene	< LOQ	ug/g						
Xylenes	< LOQ	ug/g						

LCS(B210508-BS1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21 18:01**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	591	ug/g	570		104	70-130		
2,2-Dimethylbutane	534	ug/g	435		123	70-130		
2,2-Dimethylpropane (neopentane)	4210	ug/g	3120		135	60-140		
2-Butanol	4110	ug/g	3500		117	70-130		
2-Ethoxyethanol	268	ug/g	240		112	60-140		
2-Methylbutane (isopentane)	4570	ug/g	3500		130	70-130		
2-Methylpentane/2,3-Dimethylbutane	1070	ug/g	870		123	70-130		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Solvent Analysis (Continued)

Batch: B210508 - Residual Solvent Prep (Continued)

LCS(B210508-BS1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21 18:01**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	3610	ug/g	3120		116	60-140		
2-Propanol (IPA)	4350	ug/g	3500		124	70-130		
3-Methylpentane	483	ug/g	435		111	70-130		
Acetone	4690	ug/g	3500		134	70-130		
Acetonitrile	708	ug/g	615		115	70-130		
Benzene	2.86	ug/g	3.00		95.3	70-130		
Cyclohexane	7210	ug/g	5820		124	70-130		
Dichloromethane (methylene chloride)	1050	ug/g	900		117	70-130		
Ethyl acetate	4330	ug/g	3500		124	70-130		
Ethyl ether	4550	ug/g	3500		130	70-130		
Ethylbenzene	3320	ug/g	3250		102	70-130		
Ethylene glycol	952	ug/g	930		102	60-140		
Ethylene oxide	525	ug/g	375		140	60-140		
Heptane	4180	ug/g	3500		119	70-130		
Isopropyl acetate	4400	ug/g	3500		126	70-130		
Isopropylbenzene (cumene)	110	ug/g	105		105	70-130		
m,p-Xylene	6860	ug/g	6510		105	60-140		
Methanol	3040	ug/g	2500		122	70-130		
n-Butane	3650	ug/g	3120		117	60-140		
n-Hexane	493	ug/g	435		113	70-130		
n-Pentane	4610	ug/g	3500		132	70-130		
Propane	1370	ug/g	1250		110	60-140		
Tetrahydrofuran	1340	ug/g	1080		124	70-130		
Toluene	1320	ug/g	1340		98.8	70-130		
o-Xylene	3330	ug/g	3250		102	70-130		

Matrix Spike(B210508-MS1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21 18:22**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	620	ug/g	605	< LOQ	102	70-130		
2,2-Dimethylbutane	572	ug/g	462	< LOQ	124	70-130		
2,2-Dimethylpropane (neopentane)	4350	ug/g	3320	< LOQ	131	60-140		
2-Butanol	4260	ug/g	3710	< LOQ	115	70-130		
2-Ethoxyethanol	276	ug/g	255	< LOQ	108	60-140		
2-Methylbutane (isopentane)	4810	ug/g	3710	< LOQ	130	70-130		
2-Methylpentane/2,3-Dimethylbutane	1130	ug/g	923	< LOQ	122	70-130		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Solvent Analysis (Continued)

Batch: B210508 - Residual Solvent Prep (Continued)

Matrix Spike(B210508-MS1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21 18:22**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	3730	ug/g	3320	< LOQ	112	60-140		
2-Propanol (IPA)	4540	ug/g	3710	< LOQ	122	70-130		
3-Methylpentane	513	ug/g	462	< LOQ	111	70-130		
Acetone	4840	ug/g	3710	< LOQ	130	70-130		
Acetonitrile	735	ug/g	653	< LOQ	113	70-130		
Benzene	2.83	ug/g	3.18	< LOQ	88.9	70-130		
Cyclohexane	7560	ug/g	6180	< LOQ	122	70-130		
Dichloromethane (methylene chloride)	1100	ug/g	955	< LOQ	116	70-130		
Ethyl acetate	4460	ug/g	3710	< LOQ	120	70-130		
Ethyl ether	4690	ug/g	3710	< LOQ	126	70-130		
Ethylbenzene	3500	ug/g	3450	< LOQ	102	70-130		
Ethylene glycol	1030	ug/g	987	< LOQ	104	60-140		
Ethylene oxide	541	ug/g	398	< LOQ	136	60-140		
Heptane	4420	ug/g	3710	< LOQ	119	70-130		
Isopropyl acetate	4520	ug/g	3710	< LOQ	122	70-130		
Isopropylbenzene (cumene)	202	ug/g	111	< LOQ	181	70-130		
m,p-Xylene	7300	ug/g	6910	< LOQ	106	60-140		
Methanol	3170	ug/g	2650	< LOQ	120	70-130		
n-Butane	4270	ug/g	3320	301	120	60-140		
n-Hexane	525	ug/g	462	< LOQ	114	70-130		
n-Pentane	4830	ug/g	3710	< LOQ	130	70-130		
Propane	1420	ug/g	1330	< LOQ	107	60-140		
Tetrahydrofuran	1380	ug/g	1150	< LOQ	120	70-130		
Toluene	1400	ug/g	1420	< LOQ	98.9	70-130		
o-Xylene	3500	ug/g	3450	< LOQ	101	70-130		

Matrix Spike Dup(B210508-MSD1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	651	ug/g	644	< LOQ	101	70-130	4.97	30
2,2-Dimethylbutane	599	ug/g	492	< LOQ	122	70-130	4.64	30
2,2-Dimethylpropane (neopentane)	4500	ug/g	3530	< LOQ	127	60-140	3.42	30
2-Butanol	4440	ug/g	3950	< LOQ	112	70-130	4.11	30
2-Ethoxyethanol	292	ug/g	271	< LOQ	108	60-140	5.71	30
2-Methylbutane (isopentane)	5020	ug/g	3950	< LOQ	127	70-130	4.24	30
2-Methylpentane/2,3-Dimethylbutane	1190	ug/g	983	< LOQ	121	70-130	5.38	30

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Solvent Analysis (Continued)

Batch: B210508 - Residual Solvent Prep (Continued)

Matrix Spike Dup(B210508-MSD1) **Extracted - 02/19/21 12:30 Analyzed - 02/19/21**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	3830	ug/g	3530	< LOQ	109	60-140	2.82	30
2-Propanol (IPA)	4730	ug/g	3950	< LOQ	120	70-130	4.10	30
3-Methylpentane	538	ug/g	492	< LOQ	109	70-130	4.68	30
Acetone	5070	ug/g	3950	< LOQ	128	70-130	4.68	30
Acetonitrile	767	ug/g	695	< LOQ	110	70-130	4.22	30
Benzene	2.89	ug/g	3.39	< LOQ	85.2	70-130	2.06	30
Cyclohexane	7920	ug/g	6580	< LOQ	120	70-130	4.68	30
Dichloromethane (methylene chloride)	1150	ug/g	1020	< LOQ	113	70-130	4.24	30
Ethyl acetate	4710	ug/g	3950	< LOQ	119	70-130	5.50	30
Ethyl ether	4860	ug/g	3950	< LOQ	123	70-130	3.58	30
Ethylbenzene	3770	ug/g	3670	< LOQ	103	70-130	7.31	30
Ethylene glycol	1090	ug/g	1050	< LOQ	104	60-140	5.90	30
Ethylene oxide	565	ug/g	424	< LOQ	133	60-140	4.40	30
Heptane	4620	ug/g	3950	< LOQ	117	70-130	4.29	30
Isopropyl acetate	4760	ug/g	3950	< LOQ	120	70-130	5.02	30
Isopropylbenzene (cumene)	213	ug/g	119	< LOQ	180	70-130	5.54	30
m,p-Xylene	7780	ug/g	7360	< LOQ	106	60-140	6.34	30
Methanol	3310	ug/g	2820	< LOQ	117	70-130	4.18	30
n-Butane	4370	ug/g	3530	301	115	60-140	2.24	30
n-Hexane	546	ug/g	492	< LOQ	111	70-130	3.86	30
n-Pentane	4980	ug/g	3950	< LOQ	126	70-130	3.06	30
Propane	1470	ug/g	1410	< LOQ	104	60-140	3.42	30
Tetrahydrofuran	1450	ug/g	1220	< LOQ	119	70-130	4.68	30
Toluene	1460	ug/g	1510	< LOQ	96.6	70-130	3.98	30
o-Xylene	3730	ug/g	3670	< LOQ	101	70-130	6.38	30

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Terpene Analysis

Batch: B210525 - Potency/Terpenes

Blank(B210525-BLK1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:41**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
alpha Pinene	< LOQ	%						
beta Myrcene	< LOQ	%						
alpha Phellandrene	< LOQ	%						
3-Carene	< LOQ	%						
alpha Terpinene	< LOQ	%						
Limonene	< LOQ	%						
Terpinolene	< LOQ	%						
Linalool	< LOQ	%						
Fenchol	< LOQ	%						
Borneol	< LOQ	%						
Terpineol	< LOQ	%						
Geraniol	< LOQ	%						
alpha Humulene	< LOQ	%						
beta Caryophyllene	< LOQ	%						
(-)-Caryophyllene Oxide	< LOQ	%						
(-)-alpha Bisabolol	< LOQ	%						
Camphene	< LOQ	%						
beta Pinene	< LOQ	%						
Ocimene	< LOQ	%						
Sabinene	< LOQ	%						
Camphor	< LOQ	%						
Isoborneol	< LOQ	%						
Menthol	< LOQ	%						
alpha Cedrene	< LOQ	%						
Nerolidol	< LOQ	%						
(+)-Pulegone	< LOQ	%						
Eucalyptol	< LOQ	%						
p-Cymene	< LOQ	%						
(-)-Isopulegol	< LOQ	%						
Geranyl Acetate	< LOQ	%						
Guaiol	< LOQ	%						
Valencene	< LOQ	%						
Phytol	< LOQ	%						
Citronellol	< LOQ	%						
gamma Terpinene	< LOQ	%						

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Quality Control

Terpene Analysis (Continued)

Batch: B210525 - Potency/Terpenes (Continued)

Duplicate(B210525-DUP1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:58**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
alpha Ocimene	< LOQ	%		< LOQ				30
beta Ocimene	< LOQ	%		< LOQ				30
cis-Nerolidol	< LOQ	%		< LOQ				30
Phytol 1	< LOQ	%		< LOQ				30
Phytol 2	< LOQ	%		< LOQ				30
trans-Nerolidol	< LOQ	%		< LOQ				30
alpha Pinene	0.168	%		0.163			2.56	30
beta Myrcene	0.462	%		0.451			2.48	30
alpha Phellandrene	< LOQ	%		< LOQ				30
3-Carene	< LOQ	%		< LOQ				30
alpha Terpinene	< LOQ	%		< LOQ				30
Limonene	0.952	%		0.924			2.98	30
Terpinolene	0.126	%		0.123			2.54	30
Linalool	0.688	%		0.665			3.31	30
Fenchol	0.260	%		0.252			3.39	30
Borneol	< LOQ	%		0.101				30
Terpineol	0.313	%		0.304			2.82	30
Geraniol	< LOQ	%		< LOQ				30
alpha Humulene	0.732	%		0.911			21.7	30
beta Caryophyllene	1.669	%		1.598			4.30	30
(-)-Caryophyllene Oxide	0.120	%		< LOQ				30
(-)-alpha Bisabolol	< LOQ	%		< LOQ				30
Camphene	< LOQ	%		< LOQ				30
beta Pinene	< LOQ	%		< LOQ				30
Ocimene	< LOQ	%		< LOQ				30
Sabinene	< LOQ	%		< LOQ				30
Camphor	< LOQ	%		< LOQ				30
Isoborneol	< LOQ	%		< LOQ				30
Menthol	< LOQ	%		< LOQ				30
alpha Cedrene	< LOQ	%		< LOQ				30
Nerolidol	< LOQ	%		< LOQ				30
(+)-Pulegone	< LOQ	%		< LOQ				30
Eucalyptol	< LOQ	%		< LOQ				30
p-Cymene	< LOQ	%		< LOQ				30
(-)-Isopulegol	< LOQ	%		< LOQ				30

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Terpene Analysis (Continued)

Batch: B210525 - Potency/Terpenes (Continued)

Duplicate(B210525-DUP1) **Extracted - 02/23/21 11:30 Analyzed - 02/23/21 15:58**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Geranyl Acetate	< LOQ	%		< LOQ				30
Guaiol	< LOQ	%		< LOQ				30
Valencene	< LOQ	%		< LOQ				30
Phytol	< LOQ	%		< LOQ				30
Citronellol	< LOQ	%		< LOQ				30
gamma Terpinene	< LOQ	%		< LOQ				30

Breeanna Hamilton For Brian Weigel
Lab Director

21B0126
21B0127
21B0128

OREGON LIQUOR CONTROL COMMISSION
CANNABIS TRANSPORTATION MANIFEST

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

Manifest No.	**0003035559**	**Date Created**	2/16/2021 12:59 PM
Originating Entity	Willamette Valley Alchemy		**For OLCC Use Only**
Originating License Number	030-1000096CBB6		
Address of Originating Entity	870 W. 2nd Ave Unit: D Eugene, OR 97402 County: Lane		
Phone No. of Originating Entity	541-255-9170		
Contact Phone No. for Inquiries: 8018824601			
1. Destination	SC Laboratories	**Destination Phone No.**	503-272-8838
Destination License Number	010-1004748743D	**Date and Approx. Time of Departure**	2/16/2021 1:15 PM
Address of Destination	15865 SW 74th Avenue Ste 110 Tigard, OR 97224 County: Washington	**Date and Approx. Time of Arrival**	2/16/2021 3:50 PM
		Date/Time Received	2/16/21 15:31
Route to be Traveled Get on I-105 E from Monroe St and W 5th Ave Follow I-5 N to Lower Boones Ferry Rd in Tualatin. Take exit 290 from I-5 N Take SW Durham Rd to SW 74th Ave in Tigard		**Notes:** details for extenuating circumstances (e.g., road closure, flat tire, etc.)	
Name of Person Transporting	Austin Coburn	**Handler Permit No. of Driver**	59I9C5
State Driver's License No.	A711929	**Signature of Person Transporting**	
Make, Model, License Plate No.	Ford Transit Connect 162270		

1. Package I Shipped	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300003909000014094 Lab Test: SubmittedForTesting		Ice Cream Cake LCR (Herbal-952) (Extracts)	Shp: 32.7600 g
Item Details			
Source Harvest(s)	(multi-harvest)		
Source Package(s)	1A4010300003909000014087		

2. Package I Shipped	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300003909000014096 Lab Test: SubmittedForTesting		GMO X Sunset Octane Live Sauce (Rogue-949) (Extracts)	Shp: 7.1200 g
Item Details			
Source Harvest(s)	(multi-harvest)		
Source Package(s)	1A4010300003909000014086		

3. Package I Shipped	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300003909000014099 Lab Test: SubmittedForTesting		RETREATS: Indica Rec 10pk (GMO-159-14089) (Edibles (each))	Shp: 2.0000 ea
Item Details	Wgt: 35 g		
Source Harvest(s)	GMO Harvest 2-6-20		
Source Package(s)	1A4010300003909000014089		

4. Package I Shipped	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300003909000014097 Lab Test: SubmittedForTesting		Mac Shatter (Siren-956A) (Extracts)	Shp: 7.0400 g
Item Details			
Source Harvest(s)	(multi-harvest)		
Source Package(s)	1A4010300003909000014088		

21B0126

21B0127

21B0128

OREGON LIQUOR CONTROL COMMISSION
CANNABIS TRANSPORTATION MANIFEST

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

Manifest No.	0003035559	Date Created	2/16/2021 12:59 PM
5. Package I Shipped	Production Batch No.	Item Name	Quantity
1A4010300003909000014098 Lab Test: SubmittedForTesting		Hangover Haze LLR (Indigo-954A) (Extracts)	Shp: 7.1300 g
Item Details			
Source Harvest(s)	Hangover Haze OD 2020		
Source Package(s)	1A4010300003909000014092		
6. Package I Shipped	Production Batch No.	Item Name	Quantity
1A4010300003909000014095 Lab Test: SubmittedForTesting		Tropicana Punch LLR (Rogue-947) (Extracts)	Shp: 7.1000 g
Item Details			
Source Harvest(s)	(multi-harvest)		
Source Package(s)	1A4010300003909000014070		

PRODUCT REJECTION *(if only a portion of shipment is rejected, circle that portion above)*

Name of Person Receiving or Rejecting Product	Lilli Patton		
I confirm that the contents of this shipment match weight records entered above, and I agree to take custody of those portions of this shipment *not* circled above. Those portions circled were returned to the individual delivering this shipment.			
Signature		Date	2/16/21
Signature of individual taking receipt of rejected portion of this shipment			

Client:	Willamette Valley Alchemy	**Client License:**	100096CBBC	**Date Sampled:**	2/16/2021	**Thermometer ID:**	T014
Address Where Sampled:	870 W 2nd Ave unit: D Eugene, OR 97402	**Requestor:**	Paul Sherman	**Event ID:**	21B0127	**Balance ID:**	SAMP_BAL_05
Sampling SOP & Rev. #:	SC-OR-SAMP-003	**Sampler:**	Scott Forster	**Transporter:**	Scott Forster	**Hygrometer ID:**	Anemometer_02
Lab ORELAP ID:	4133						
Lab OLCC ID:	1004748743D						

Sampler Signature

Weight used (g)	Weight Set ID	Acceptance Criteria	Initial Measured	Initial P/F	Final Measured	Final P/F
0.5	SAMP_CAL_05	±2.5%	0.5	P	0.5	P
200		±2.5%	199.97		199.97	

Container Type	METRC Harvest/Processing Lot ID #:	Product Type	Client Sample Name	Product Date	Batch Size (g)
Mason Jars	1A4010300003909000014070	Concentrate	ropicana Punch LLR (Rogue--947	2/9/2021	540

METRC Batch ID	Product Temp (˚C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1˚ Sample (g)	Sample Name
	18.8	47.9	2	vial	4	4	0.875	Tropicana Punch LLR (Rogue--947) Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-01	Tropicana Punch LLR (Rogue--947)-1	A2	0	0.88	0.88	14095
21B0127-01	Tropicana Punch LLR (Rogue--947)-1	A3	0.88	1.76	0.88	14095
21B0127-01	Tropicana Punch LLR (Rogue--947)-2	B3	1.76	2.64	0.88	14095
21B0127-01	Tropicana Punch LLR (Rogue--947)-2	B4	2.64	3.54	0.9	14095
Totals:	4	4		Total Primary Mass = 3.54		Primary + Duplicate Mass = 7.1 g

Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

METRC Batch ID	Product Temp (˚C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1˚ Sample (g)	Sample Name
	18.8	47.9	2	vial	4	4	0.875	Tropicana Punch LLR (Rogue--947) Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-02	Tropicana Punch LLR (Rogue--947)-1	A2	0	0.88	0.88	14095
21B0127-02	Tropicana Punch LLR (Rogue--947)-1	A4	0.88	1.76	0.88	14095
21B0127-02	Tropicana Punch LLR (Rogue--947)-2	B1	1.76	2.64	0.88	14095
21B0127-02	Tropicana Punch LLR (Rogue--947)-2	B3	2.64	3.56	0.92	14095

Totals:	4	4		Total Duplicate Mass = 3.56		Primary + Duplicate Mass = 7.1 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

Container Type	METRC Harvest/Processing Lot ID #:			Product Type	Client Sample Name	Product Date	Batch Size (g)
Mason Jars	1A4010300003909000014086			Concentrate	Sunset Octane Live Sauce (Rogu	2/12/2021	1435
METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
	18.8	47.9	4	vial	4	8	0.4375	O X Sunset Octane Live Sauce (Rogue-949) Prim

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-1	A4	0	0.44	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-2	B1	0.44	0.88	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-2	B1	0.88	1.32	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C1	1.32	1.76	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C1	1.76	2.2	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C3	2.2	2.64	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C3	2.64	3.08	0.44	14096
21B0127-03	GMO X Sunset Octane Live Sauce (Rogue-949)-4	D2	3.08	3.58	0.5	14096
Totals:	8	8		Total Primary Mass = 3.58		Primary + Duplicate Mass = 7.12 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
	18.8	47.9	4	vial	4	8	0.4375	X Sunset Octane Live Sauce (Rogue-949) Duplic

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-1	A1	0	0.44	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-2	B1	0.44	0.88	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-2	B2	0.88	1.32	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-2	B4	1.32	1.76	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C2	1.76	2.2	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-3	C3	2.2	2.64	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-4	D1	2.64	3.08	0.44	14096
21B0127-04	GMO X Sunset Octane Live Sauce (Rogue-949)-4	D1	3.08	3.54	0.46	14096

Totals:	8	8	Total Duplicate Mass = 3.54	Primary + Duplicate Mass = 7.12 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

Container Type	METRC Harvest/Processing Lot ID #:			Product Type	Client Sample Name	Product Date	Batch Size (g)
parchment/envelope	1A4010300003909000014088			Concentrate	Mac Shatter (Siren-956A)	2/15/2021	924
METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
	18.8	47.9	3	vial	4	6	0.583333333	Mac Shatter (Siren-956A) Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-05	Mac Shatter (Siren-956A)-1	A1	0	0.59	0.59	14097
21B0127-05	Mac Shatter (Siren-956A)-2	B1	0.59	1.18	0.59	14097
21B0127-05	Mac Shatter (Siren-956A)-2	B1	1.18	1.77	0.59	14097
21B0127-05	Mac Shatter (Siren-956A)-2	B2	1.77	2.36	0.59	14097
21B0127-05	Mac Shatter (Siren-956A)-2	B4	2.36	2.95	0.59	14097
21B0127-05	Mac Shatter (Siren-956A)-3	C1	2.95	3.51	0.56	14097

Totals:	6	6	Total Primary Mass = 3.51	Primary + Duplicate Mass = 7.04 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
	18.8	47.9	3	vial	4	6	0.583333333	Mac Shatter (Siren-956A) Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-06	Mac Shatter (Siren-956A)-1	A4	0	0.59	0.59	14097
21B0127-06	Mac Shatter (Siren-956A)-1	A4	0.59	1.18	0.59	14097
21B0127-06	Mac Shatter (Siren-956A)-2	B2	1.18	1.77	0.59	14097
21B0127-06	Mac Shatter (Siren-956A)-2	B2	1.77	2.36	0.59	14097

21B0127-06	Mac Shatter (Siren-956A)-3	C3	2.36	2.95	0.59	14097
21B0127-06	Mac Shatter (Siren-956A)-3	C4	2.95	3.53	0.58	14097

Totals:	6	6	Total Duplicate Mass = 3.53	Primary + Duplicate Mass = 7.04 g

Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

Container Type	METRC Harvest/Processing Lot ID #:			Product Type	Client Sample Name	Product Date	Batch Size (g)
Mason Jars	1A4010300003909000014092			Concentrate	Hangover Haze LLR (Indigo-954A	2/15/2021	688
METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
	18.8	47.9	2	vial	4	4	0.875	Hangover Haze LLR (Indigo-954A) Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-07	Hangover Haze LLR (Indigo-954A)-1	A4	0	0.88	0.88	14098
21B0127-07	Hangover Haze LLR (Indigo-954A)-2	B2	0.88	1.76	0.88	14098
21B0127-07	Hangover Haze LLR (Indigo-954A)-2	B3	1.76	2.64	0.88	14098
21B0127-07	Hangover Haze LLR (Indigo-954A)-2	B4	2.64	3.58	0.94	14098

Totals:	4	4	Total Primary Mass = 3.58	Primary + Duplicate Mass = 7.13 g

Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
	18.8	47.9	2	vial	4	4	0.875	Hangover Haze LLR (Indigo-954A) Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
21B0127-08	Hangover Haze LLR (Indigo-954A)-1	A2	0	0.88	0.88	14098
21B0127-08	Hangover Haze LLR (Indigo-954A)-1	A2	0.88	1.76	0.88	14098
21B0127-08	Hangover Haze LLR (Indigo-954A)-1	A3	1.76	2.64	0.88	14098
21B0127-08	Hangover Haze LLR (Indigo-954A)-2	B3	2.64	3.55	0.91	14098
Totals:	4	4		Total Duplicate Mass = 3.55		Primary + Duplicate Mass = 7.13 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

CHAIN OF CUSTODY

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(503) 272-8830
ORELAP ID # 4133
www.sclabs.com

Client	Willamette Valley Alchemy	COC #	1/1
Address Where Sampled	870 W 2nd Ave unit: D Eugene, OR 97402	Work Order #	21B0127
Date Sampled	2/16/2021	Received By	MLP
OLCC License #	100096CBBC	Received Date	2/16/21
OLCC License Type	Processor	Courier	Scott Forster
Email	ettevalleyalchemy@gm	Name of Sampler	Scott Forster
Phone	541.255.9170	Transfer Manifest #	30 35559
Sampler OLCC License #	010-1004748743D	Place where Sampled	870 W 2nd Ave unit: D Eugene, OR 97402

Sample Type Legend
U - Usable Marijuana
C - Concentrate
P - Product
O - Other

Sample Name	Time	METRC Label	Unique Batch Number	SC Labs LIMS ID	Sample Type	Total Sample Mass	# of Increments	TESTS REQUESTED: Potency	Water Activity	Moisture Content	Pesticide	Residual Solvent	Terpene	Sample Specific Notes
Tropicana Punch LLR (Rogue–947) Primary		14095	Tropicana Punch LLR (Rogue–	21B0127-01	C	3.54	4	X			X	X	X	
Tropicana Punch LLR (Rogue–947) Duplicate		14095	Tropicana Punch LLR (Rogue–	21B0127-02	C	3.56	4	X			X	X	X	
GMO X Sunset Octane Live Sauce (Rogue-94		14096	GMO X Sunset Octane Live	21B0127-03	C	3.58	8	X			X	X	X	
GMO X Sunset Octane Live Sauce (Rogue-94		14096	GMO X Sunset Octane Live	21B0127-04	C	3.54	8	X			X	X	X	
Mac Shatter (Siren-956A) Primary		14097	Mac Shatter (Siren-956A)	21B0127-05	C	3.51	6	X			X	X	X	
Mac Shatter (Siren-956A) Duplicate		14097	Mac Shatter (Siren-956A)	21B0127-06	C	3.53	6	X			X	X	X	
Hangover Haze LLR (Indigo-954A) Primary		14098	Hangover Haze LLR (Indigo-	21B0127-07	C	3.58	4	X			X	X	X	
Hangover Haze LLR (Indigo-954A) Duplicate		14098	Hangover Haze LLR (Indigo-	21B0127-08	C	3.55	4	X			X	X	X	

Notes/Special Considerations: Opt OUT of Sample Duplicate Yes ☐ No ☐

Samples Relinquished	Samples Received	Samples Relinquished	Samples Received
Print Name: Austin C Date: 2/16/21	Print Name: Scott F Date: 2/16/21	Print Name:____ Date:____	Print Name:____ Date:____
Representative of: WVA	Representative of: SC Labs	Representative of:____	Representative of:____
Signature:____ Time:1	Signature:____ Time:1	Signature:____ Time:____	Signature:____ Time:____