

Suver Haze Tincture

Lab ID: 2007034-01

Lonesome Camel Farm

METRC Batch ID:

Date Sampled: 07/07/20

Date Printed: 07/17/20

Report cannot be used for OLCC/OHA compliance.

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 - SOP 102

Cannabinoids (% weight)		LOQ
THCA	< LOQ	0.130
delta 9-THC	0.196	0.130
delta 8-THC	< LOQ	0.130
CBGA	< LOQ	0.130
CBDA	< LOQ	0.130
CBD	3.32	0.130
CBN	< LOQ	0.130
CBG	< LOQ	0.130
CBC	< LOQ	0.130

Total THC
0.196 %

Total CBD
3.32 %

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = *bioactive*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = $[(THCA \times 0.877) + \Delta 9THC] / (100\% - MC)$



Erik Werstler

Lab Director

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Laboratory ID: 2007034-01

Suver Haze Tincture

Lonesome Camel Farm

Date Sampled: 07/07/20 00:00

Date Accepted: 07/07/20

Results Valid Until: 07/07/21

Sample ID: 2007034-01

Matrix: Products

M #:

Pesticide Analysis in PPM

Date/Time Extracted: 07/08/20 10:14

Date/Time Analyzed: 07/09/20 01:25

Analysis Method/SOP: SOP 33

Instrument: Athena

Batch Identification: B20G023

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2500	Avermectin insecticide
Acephate	< LOQ	0.4	0.2000	Organophosphate Insecticide
Acequinocyl	< LOQ	2	1.000	Quinoline insecticide
Acetamiprid	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.2000	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.1000	Strobin fungicide
Bifenazate	< LOQ	0.2	0.1000	Carbazate miticide
Bifenthrin	< LOQ	0.2	0.1000	Pyrethroid insecticide
Boscalid	< LOQ	0.4	0.2000	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.1000	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.1000	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.1000	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.5000	Pyrrole insecticide
Chlorpyrifos	< LOQ	0.2	0.1000	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.1000	Tetrazine miticide
Cyfluthrin	< LOQ	1	0.5000	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.5000	Pyrethroid insecticide
Daminozide	< LOQ	1	0.5000	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.5000	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1000	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.1000	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1000	Organophosphate insecticide
Etofenprox	< LOQ	0.4	0.2000	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1000	Oxazoline insecticide
Fenoxycarb	< LOQ	0.2	0.1000	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.2000	Pyrazolium miticide
Fipronil	< LOQ	0.4	0.2000	Pyrazole insecticide
Fonicamid	< LOQ	1	0.5000	Pyridinecarboxamide insecticide



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Analysis Method/SOP: SOP 33

Instrument: Athena

Batch Identification: B20G023

Analyte	Result	Action Level	LOQ	Type
Fludioxonil	< LOQ	0.4	0.2000	Benzodioxole fungicide
Hexythiazox	< LOQ	1	0.5000	Heterocyclic miticide
Imazalil	< LOQ	0.2	0.1000	Imidazole fungicide
Imidacloprid	< LOQ	0.4	0.2000	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.2000	Strobilurin fungicide
Malathion	< LOQ	0.2	0.1000	Organophosphate insecticide
Metalaxyl	< LOQ	0.2	0.1000	Benzenoid fungicide
Methiocarb	< LOQ	0.2	0.1000	Carbamate insecticide
Methomyl	< LOQ	0.4	0.2000	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.1000	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1000	Pesticide synergist
Myclobutanil	< LOQ	0.2	0.1000	Triazole fungicide
Naled	< LOQ	0.5	0.2500	Organophosphate insecticide
Oxamyl	< LOQ	1	0.5000	Carbamate insecticide
Paclbutrazol	< LOQ	0.4	0.2000	Triazole fungicide
Permethrins	< LOQ	0.2	0.1000	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.1000	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	1.000	Pesticide synergist
Prallethrin	< LOQ	0.2	0.1000	Pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.2000	Triazole fungicide
Propoxur	< LOQ	0.2	0.1000	Carbamate insecticide
Pyrethrins	< LOQ	1	0.5000	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.1000	Pyridazinone insecticide
Spinosad	< LOQ	0.2	0.1000	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.1000	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.1000	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.2000	Spiroketalamine fungicide
Tebuconazole	< LOQ	0.4	0.2000	Triazole fungicide



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Analysis Method/SOP: SOP 33

Instrument: Athena

Batch Identification: B20G023

Analyte	Result	Action Level	LOQ	Type
Thiacloprid	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Thiamethoxam	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.1000	Strobin fungicide

<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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Residual Solvents

Analysis Method/SOP: RS

Solvent	Results in ppm	LOQ	Action Level	Notes
Acetone	< LOQ	2500	5000	
Acetonitrile	< LOQ	205.0	400	
Benzene	< LOQ	1.000	2	
2-Butanol	< LOQ	2500	5000	
Cumene	< LOQ	35.00	70	
Cyclohexane	< LOQ	1940	3880	
Dichloromethane	< LOQ	300.0	600	
1,4-Dioxane	< LOQ	190.0	380	
2-Ethoxyethanol	< LOQ	80.00	160	
Ethyl acetate	< LOQ	2500	5000	
Ethylene glycol	< LOQ	310.0	620	
Ethylene oxide	< LOQ	25.00	50	
Ethyl ether	< LOQ	2500	5000	
Heptane	< LOQ	2500	5000	
Isopropyl acetate	< LOQ	2500	5000	
Methanol	< LOQ	1500	3000	
Propane	< LOQ	2500	5000	
2-Propanol (IPA)	< LOQ	2500	5000	
Tetrahydrofuran	< LOQ	360.0	720	
Toluene	< LOQ	445.0	890	
Butanes	< LOQ	2500	5000	
Hexanes	< LOQ	145.0	290	
Pentanes	< LOQ	2500	5000	
Xylenes	< LOQ	1085	2170	

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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Quality Control Potency

Batch: B20G038 - Potency

Blank(B20G038-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
delta 9-THC	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBGA	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBDA	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBD	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBN	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBG	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
delta 8-THC	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	
CBC	< LOQ	0.202	%		07/09/20 16:48	07/09/20 19:31	

LCS(B20G038-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	96.5	0.196	%	85-115	07/09/20 16:48	07/09/20 19:40	
delta 9-THC	101	0.196	%	85-115	07/09/20 16:48	07/09/20 19:40	
CBDA	90.4	0.196	%	85-115	07/09/20 16:48	07/09/20 19:40	
CBD	94.2	0.196	%	85-115	07/09/20 16:48	07/09/20 19:40	



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Lonesome Camel Farm

Laboratory ID: 2007034-01

Quality Control Pesticide Analysis

Batch: B20G023 - Pest

Blank(B20G023-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.2500	ppm		07/08/20 10:14	07/08/20 22:30	
Acephate	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Acequinocyl	< LOQ	1.000	ppm		07/08/20 10:14	07/08/20 22:30	
Acetamiprid	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Aldicarb	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Azoxystrobin	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Bifenazate	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Bifenthrin	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Boscalid	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Carbaryl	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Carbofuran	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Chlorantraniliprole	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Chlorfenapyr	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Chlorpyrifos	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Clofentezine	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Cyfluthrin	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Cypermethrin	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Daminozide	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
DDVP (Dichlorvos)	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Diazinon	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Dimethoate	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Ethoprophos	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Etofenprox	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Etoxazole	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Fenoxycarb	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Fenpyroximate	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Fipronil	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Fonicamid	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Fludioxonil	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Hexythiazox	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Imazalil	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Imidacloprid	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Kresoxim-methyl	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Malathion	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	



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Suver Haze Tincture

Lonesome Camel Farm

Laboratory ID: 2007034-01

Quality Control Pesticide Analysis (Continued)

Batch: B20G023 - Pest (Continued)

Blank(B20G023-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Metalaxyl	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Methiocarb	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Methomyl	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Methyl parathion	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
MGK-264	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Myclobutanil	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Naled	< LOQ	0.2500	ppm		07/08/20 10:14	07/08/20 22:30	
Oxamyl	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Paclobutrazol	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Permethrins	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Phosmet	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Piperonyl butoxide	< LOQ	1.000	ppm		07/08/20 10:14	07/08/20 22:30	
Prallethrin	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Propiconazole	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Propoxur	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Pyrethrins	< LOQ	0.5000	ppm		07/08/20 10:14	07/08/20 22:30	
Pyridaben	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Spinosad	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Spiromesifen	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Spirotetramat	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Spiroxamine	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Tebuconazole	< LOQ	0.2000	ppm		07/08/20 10:14	07/08/20 22:30	
Thiacloprid	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Thiamethoxam	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	
Trifloxystrobin	< LOQ	0.1000	ppm		07/08/20 10:14	07/08/20 22:30	

LCS(B20G023-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	73.9	0.2500	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Acephate	69.4	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Acequinocyl	50.7	1.000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Acetamiprid	70.4	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Aldicarb	74.3	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Azoxystrobin	72.1	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Bifenazate	68.3	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	



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Lonesome Camel Farm

Laboratory ID: 2007034-01

Quality Control Pesticide Analysis (Continued)

Batch: B20G023 - Pest (Continued)

LCS(B20G023-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Bifenthrin	48.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	LCS, R
Boscalid	69.8	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Carbaryl	68.6	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Carbofuran	70.6	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Chlorantraniliprole	66.8	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Chlorfenapyr	81.1	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Chlorpyrifos	60.3	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Clofentezine	64.6	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Cyfluthrin	66.5	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Cypermethrin	61.3	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Daminozide	69.9	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
DDVP (Dichlorvos)	72.5	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Diazinon	66.2	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Dimethoate	70.8	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Ethoprophos	68.6	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Etofenprox	60.4	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Etoxazole	64.4	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Fenoxycarb	67.8	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Fenpyroximate	62.6	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Fipronil	74.1	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Flonicamid	71.1	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Fludioxonil	70.9	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Hexythiazox	59.7	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Imazalil	61.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Imidacloprid	68.8	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Kresoxim-methyl	69.8	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Malathion	73.9	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Metalaxyl	72.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Methiocarb	70.1	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Methomyl	72.4	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Methyl parathion	77.7	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
MGK-264	67.0	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Myclobutanil	69.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Naled	69.5	0.2500	ppm	50-150	07/08/20 10:14	07/08/20 22:14	



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Quality Control Pesticide Analysis (Continued)

Batch: B20G023 - Pest (Continued)

LCS(B20G023-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Oxamyl	70.6	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Paclobutrazol	70.3	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Permethrins	62.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Phosmet	72.4	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Piperonyl butoxide	68.0	1.000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Prallethrin	73.1	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Propiconazole	67.9	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Propoxur	70.4	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Pyrethrins	64.0	0.5000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Pyridaben	67.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Spinosad	72.9	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Spiromesifen	61.0	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Spirotetramat	70.7	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Spiroxamine	65.1	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Tebuconazole	68.3	0.2000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Thiacloprid	70.5	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Thiamethoxam	69.6	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	
Trifloxystrobin	70.3	0.1000	ppm	50-150	07/08/20 10:14	07/08/20 22:14	



Erik Werstler
Lab Director

Suver Haze Tincture

Lonesome Camel Farm

Laboratory ID: 2007034-01

Quality Control Solvent Analysis

Batch: B20G033 - ResSolv

Blank(B20G033-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Acetonitrile	< LOQ	205.0	ppm		07/09/20 12:50	07/10/20 11:18	
Benzene	< LOQ	1,000	ppm		07/09/20 12:50	07/10/20 11:18	
2-Butanol	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Cumene	< LOQ	35.00	ppm		07/09/20 12:50	07/10/20 11:18	
Cyclohexane	< LOQ	1940	ppm		07/09/20 12:50	07/10/20 11:18	
Dichloromethane	< LOQ	300.0	ppm		07/09/20 12:50	07/10/20 11:18	
1,4-Dioxane	< LOQ	190.0	ppm		07/09/20 12:50	07/10/20 11:18	
2-Ethoxyethanol	< LOQ	80.00	ppm		07/09/20 12:50	07/10/20 11:18	
Ethyl acetate	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Ethylene glycol	< LOQ	310.0	ppm		07/09/20 12:50	07/10/20 11:18	
Ethylene oxide	< LOQ	25.00	ppm		07/09/20 12:50	07/10/20 11:18	
Ethyl ether	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Heptane	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Isopropyl acetate	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Methanol	< LOQ	1500	ppm		07/09/20 12:50	07/10/20 11:18	
Propane	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
2-Propanol (IPA)	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Tetrahydrofuran	< LOQ	360.0	ppm		07/09/20 12:50	07/10/20 11:18	
Toluene	< LOQ	445.0	ppm		07/09/20 12:50	07/10/20 11:18	
Butanes	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Hexanes	< LOQ	145.0	ppm		07/09/20 12:50	07/10/20 11:18	
Pentanes	< LOQ	2500	ppm		07/09/20 12:50	07/10/20 11:18	
Xylenes	< LOQ	1085	ppm		07/09/20 12:50	07/10/20 11:18	

LCS(B20G033-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	120	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Acetonitrile	155	205.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Benzene	111	1,000	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
n-Butane	108	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
2-Butanol	141	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Cumene	134	35.00	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Cyclohexane	112	1940	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Dichloromethane	106	300.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	



Erik Werstler
Lab Director

Suver Haze Tincture

Lonesome Camel Farm

Laboratory ID: 2007034-01

Quality Control Solvent Analysis (Continued)

Batch: B20G033 - ResSolv (Continued)

LCS(B20G033-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
2,2-Dimethylbutane	108	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
2,3-Dimethylbutane 2-Methy	115	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
1,4-Dioxane	131	190.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
2-Ethoxyethanol	127	80.00	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Ethyl acetate	143	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Ethyl benzene	131	1085	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Ethylene glycol	121	310.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Ethylene oxide	96.9	25.00	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Ethyl ether	106	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Heptane	112	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
n-Hexane	99.6	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
iso-Butane	116	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Isopropyl acetate	141	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
iso-Pentane	115	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Methanol	160	1500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
3-Methylpentane	105	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
neo-Pentane	109	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
n-Pentane	108	145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Propane	113	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
2-Propanol (IPA)	134	2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Tetrahydrofuran	137	360.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Toluene	123	445.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
m,p Xylene	125	1085	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
o-Xylene	133	1085	ppm	70-130	07/09/20 12:50	07/10/20 11:49	Q3
Butanes		2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Hexanes		145.0	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Pentanes		2500	ppm	70-130	07/09/20 12:50	07/10/20 11:49	
Xylenes		1085	ppm	70-130	07/09/20 12:50	07/10/20 11:49	



Erik Werstler
Lab Director

Suver Haze Tincture

Lonesome Camel Farm

Laboratory ID: 2007034-01

Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associate method blank.
 - C Interference due to co-elution.
 - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
 - H Non-homogenous sample matrix affecting RPD and/or QC.
 - I Manual Integration was performed.
 - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
 - M Anomalous results due to matrix interference
 - P Peaks manually split.
 - Q1 QC out of limits but still ok
 - Q2 Quality Control outside QC limits. Data considered estimate.
 - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
 - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
 - R Marginal Exceedence.
 - U Reported result is an estimate. The analyte was detected above the calibration range.
 - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected



Erik Werstler
Lab Director



MYCOTOXIN ANALYSIS

ANALYTICAL REPORT

Rose City Labs
7200 Johnson Creek Blvd
Portland, OR 97219
(503) 307 0096
www.rosecitylabs.com

Client: **Lonesome Camel Farms**

Work Order: 2007034

Report Date: 07/14/2020

Job: NA
Project: NA

Sample Count: 2

Sample ID: 2007034-01 Description: **Suver Haze Tincture**

Date Analyzed: 07/11/2020
Analyst: EW

Analyte	Detected concentration, µg/kg	Limit of quantitation (LOQ)
Aflatoxins (G1, G2, B1, B2)	Below LOQ	20 µg/kg (20 parts per billion)
Ochratoxin A	Below LOQ	20 µg/kg (20 parts per billion)
Mycotoxins, total	Below LOQ	20 µg/kg (20 parts per billion)

Sample ID: 2007034-02 Description: **Lifter (plant material)**

Date Analyzed: 07/11/2020
Analyst: EW

Analyte	Detected concentration, µg/kg	Limit of quantitation (LOQ)
Aflatoxins (G1, G2, B1, B2)	Below LOQ	20 µg/kg (20 parts per billion)
Ochratoxin A	Below LOQ	20 µg/kg (20 parts per billion)
Mycotoxins, total	Below LOQ	20 µg/kg (20 parts per billion)

Quality Control Data

Sample	Expected value, ng/mL	Detected value, ng/mL	Recovery, percent	Notes
Instrument blank S20G034-IBL1	ND	ND	NA	ND for all analytes
Batch blank B20G049-BLK1	ND	ND	ND	ND for all analytes
Aflatoxin G1 spike	4	5.29	132%	Spiked pre-extraction
Aflatoxin G2 spike	4	5.27	132%	Spiked pre-extraction
Aflatoxin B1 spike	4	4.31	108%	Spiked pre-extraction
Aflatoxin B2 spike	4	4.15	104%	Spiked pre-extraction
Ochratoxin A spike	4	3.96	99%	Spiked pre-extraction

Analysis notes:

Samples analyzed via LC-MS/MS. Instrument: Qsight 210 "Selene". Calibration performed immediately prior to analysis.

Erik Werstler
Technical Director



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-007180/D02.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/10/20 13:55

Customer: Rose City Labs
Product identity: CBD tincture
Client/Metric ID: .
Laboratory ID: 20-007180-0001

Summary

Metals:

Less than LOQ for all analytes.



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 20-007180/D02.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/10/20 13:55

Customer: Rose City Labs
 7200 SE Johnson Crk Blvd.
 Portland Oregon 97206
 United States

Product identity: CBD tincture
Client/Metric ID: .
Sample Date:
Laboratory ID: 20-007180-0001
Temp: 12 °C

Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0545	2005790	07/14/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0545	2005790	07/14/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0545	2005790	07/14/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0272	2005790	07/14/20	AOAC 2013.06 (mod.)	X

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with:



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-007180/D02.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/10/20 13:55

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

mg/kg = Milligram per kilogram = parts per million (ppm)

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-007180/D02.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/10/20 13:55



Hemp Products
Chain of Custody Record

Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020
ORELAP ID: OR100028

PRICING AND CHARGES

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB"). Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1¹/₂% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

Samples submitted to CL with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms:

12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com

Page 2 of 2
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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-007180/D02.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/10/20 13:55

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.