

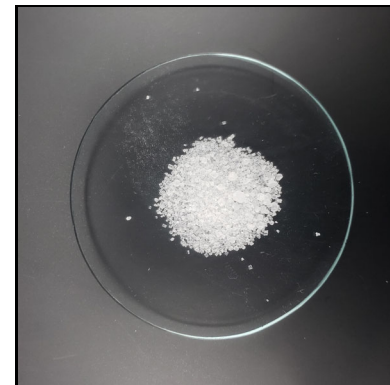
Certificate of Analysis

Client Name:	Soulstice Farms	Matrix:	Solid
Client Address:	1602 W Oakes Drive, St. Cloud, MN 56303	Date Received:	2/27/2023 11:28:00AM
Sample ID:	Original Lemonade Mix	Lab Sample ID:	2300782-01
Lot/Batch #:		Date of Report:	3/15/2023 3:22:15PM

Analysis	Requested (Yes/No)
Cannabinoid Profile	Yes
Terpene Profile	No
Aflatoxins	No
Heavy Metals	Yes
Residual Solvents	Yes
Microbial Testing	Yes
Pesticides	Yes



Sample, packaged



Sample, actual

Cannabinoid Profile 2300782-01

Original Lemonade Mix

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Cannabichromene (CBC)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Cannabidiol (CBD)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Cannabidiolic Acid (CBDA)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Cannabigerol (CBG)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Cannabigerolic Acid (CBGA)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Cannabinol (CBN)	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Delta-8-Tetrahydrocannabinol (d8-THC)	<0.00313	0.00313	% by Weight w	HPLC	3/1/23 8:01 pm	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0184	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
THCA-A	<0.000627	0.000627	% by Weight w	HPLC	3/1/23 8:01 pm	
Total CBG	<0.00118	0.00118	% by Weight w	HPLC	3/1/23 8:01 pm	
Total CBD	<0.00118	0.00118	% by Weight w	HPLC	3/1/23 8:01 pm	
Total THC	0.0184	0.00118	% by Weight w	HPLC	3/1/23 8:01 pm	

Heavy Metals 2300782-01

Original Lemonade Mix

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Arsenic	<1.0	1.0	mg/kg wet	EPA 6010D	3/6/23 4:51 pm	
Cadmium	<0.10	0.10	mg/kg wet	EPA 6010D	3/6/23 4:51 pm	
Lead	<0.75	0.75	mg/kg wet	EPA 6010D	3/6/23 4:51 pm	
Mercury	<0.50	0.50	mg/kg wet	EPA 6010D	3/6/23 4:51 pm	

Taylor Schertler

Taylor Schertler - Administrative Manager Investigative Chem

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Residual Solvents **2300782-01** **Original Lemonade Mix**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Ethanol	<0.0057	0.0057	% by Weight	EPA 8015D	3/9/23 7:35 pm	
n-Hexane	<0.0047	0.0047	% by Weight	EPA 8015D	3/9/23 7:35 pm	
n-Pentane	<0.0045	0.0045	% by Weight	EPA 8015D	3/9/23 7:35 pm	

Microbial Testing **2300782-01** **Original Lemonade Mix**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Salmonella	<1.0	1.0	CFU/g	AOAC 2014.01	3/2/23 9:03 am	
Total Aerobic Bacteria	<120	120	CFU/g	AOAC 990.12	3/2/23 3:00 pm	
Total Bile Tolerant Gram-Negative Bac	<75	75	CFU/g	AOAC 2003.01	3/1/23 4:09 pm	
Total Coliform	<5.0	5.0	CFU/g	AOAC 991.14	3/1/23 4:14 pm	
Total Yeast and Mold	<5.0	5.0	CFU/g	AOAC 997.02	3/3/23 8:33 am	
Total E.coli	<5.0	5.0	CFU/g	AOAC 991.14	3/2/23 2:55 pm	

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Pesticides

2300782-01

Original Lemonade Mix

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Acetamiprid	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Aldicarb	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Azoxystrobin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Bifenazate	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Bifenthrin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Boscalid	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Carbaryl	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Carbofuran (Furadan)	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Chlorantraniliprole	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Clofentezine	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Cypermethrin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Diazinon	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Dichlorvos	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Dimethoate	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Dursban	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Ethoprophos	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Etofenprox	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Etoxazole	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Fenoxycarb	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Fenpyroximate	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Flonicamid	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Imazalil	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Imidacloprid	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Kresoxim methyl	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Malathion	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Metalaxyl	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Methiocarb	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Methomyl	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Myclobutanil	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Naled	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Oxamyl	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Permethrin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Phosmet	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Piperonyl butoxide	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Prallethrin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Propiconazole	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Propoxur	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Pyrethrin I	<0.035	0.035	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Pyrethrin II	<0.018	0.018	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Pyridaben	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Spinosad	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Spiromesifen	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Spirotetramat	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Spiroxamine	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	
Thiacloprid	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm	

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Thiamethoxam	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm
Trifloxystrobin	<0.14	0.14	ug/g	LC-MS/MS	3/9/23 10:38 pm

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Notes and Definitions

CFU/g	Colony Forming Units per Gram
HPLC	High-Performance Liquid Chromatography
MS	Mass Spectrometry
<	Less than value listed
RL	Reporting Limit
NA	Not Applicable
H5	Holding time is not applicable to this specific matrix.