

Io Extracts

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linda@ioextracts.com
(520) 409-1482
Lic. #00000067ESBS89254298

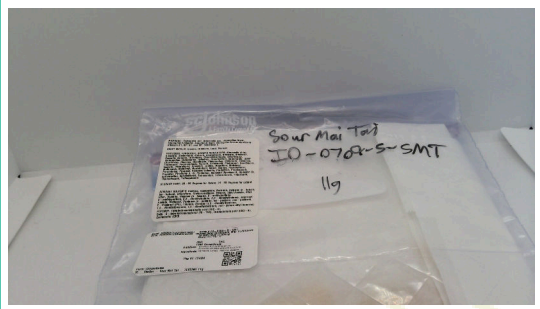
Sample: 2407LVL0901.4667

Secondary License: ; Chain of Distribution:
Strain: Sour Mai Tai; Batch Size: g; External Batch ID: IO-0709-S-SMT
Sample Received: 07/16/2024; Report Created: 07/19/2024; Report Expiration: 07/19/2025
Sampling Date: 07/09/2024; Sampling Time: 3 PM; Sampling Person: Carmen Hamilton
Harvest Date: 04/08/2024; Manufacturing Date: 07/09/2024; External Lot ID: IO-0709-S-SMT

Sour Mai Tai Shatter

Concentrates & Extracts, Shatter, Butane



	82.57%	ND	93.32%
	Total THC	Total CBD	
	19.29 mg/g	Not Tested	Total Cannabinoids
	Total Terpenes	NT Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	1.96	87.41	874.1	
Δ9-THC	1.96	5.91	59.1	
Δ8-THC	1.96	ND	ND	Q3
THCVa	1.96	<LOQ	<LOQ	Q3
THCV	1.96	ND	ND	Q3
CBDa	1.96	ND	ND	
CBD	1.96	ND	ND	
CBDVa	1.96	ND	ND	Q3
CBDV	1.96	ND	ND	Q3
CBN	1.96	ND	ND	Q3
CBGa	1.96	<LOQ	<LOQ	Q3
CBG	1.96	ND	ND	Q3
CBCa	1.96	<LOQ	<LOQ	Q3
CBC	1.96	ND	ND	Q3
Total		93.32	933.2	Q3

Qualifiers:
Date Tested: 07/16/2024 07:00 am

Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Concentrates & Extracts, Shatter, Butane




Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
β-Caryophyllene	0.83	7.98	0.798	Q3	Citronellol	4.15	ND	Q3	
Farnesene	0.07	4.02	0.402	Q3	δ-Limonene	0.83	<LOQ	<LOQ	Q3
α-Humulene	0.42	2.69	0.269	Q3	Eucalyptol	0.42	ND	ND	Q3
Fenchol	0.42	2.11	0.211	Q3	Fenchone	0.83	ND	ND	Q3
α-Bisabolol	0.42	1.00	0.100	Q3	γ-Terpinene	0.42	ND	ND	Q3
Linalool	0.83	0.99	0.099	Q3	γ-Terpineol	0.09	ND	ND	Q3
α-Pinene	0.42	0.50	0.050	Q3	Geraniol	8.30	ND	ND	Q3
3-Carene	0.83	ND	ND	Q3	Geranyl Acetate	0.42	ND	ND	Q3
α-Cedrene	0.42	ND	ND	Q3	Guaiol	0.42	ND	ND	Q3
α-Phellandrene	0.42	ND	ND	Q3	Isoborneol	4.15	ND	ND	Q3
α-Terpinene	0.42	ND	ND	Q3	Isopulegol	0.42	ND	ND	Q3
α-Terpineol	0.68	<LOQ	<LOQ	Q3	Menthol	0.42	ND	ND	Q3
β-Eudesmol	0.42	ND	ND	Q3	Nerol	0.42	ND	ND	Q3
β-Myrcene	0.42	ND	ND	Q3	Pulegone	0.42	ND	ND	Q3
β-Pinene	0.83	<LOQ	<LOQ	Q3	p-Cymene	0.42	ND	ND	Q3
Borneol	1.25	ND	ND	Q3	Sabinene	0.42	ND	ND	Q3
Camphene	0.42	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.42	ND	ND	Q3
Camphor	1.66	ND	ND	Q3	Terpinolene	0.83	ND	ND	Q3
Caryophyllene Oxide	0.42	ND	ND	Q3	trans-Nerolidol	0.42	ND	ND	Q3
Cedrol	0.42	ND	ND	Q3	trans-Ocimene	0.27	ND	ND	Q3
cis-Nerolidol	0.83	ND	ND	Q3	Valencene	0.42	ND	ND	Q3
cis-Ocimene	0.12	ND	ND	Q3					


Primary Aromas




Cinnamon




Magnolia



Hops



Basil



Chamomile

19.29 mg/g
Total Terpenes

Qualifiers:
Date Tested: 07/16/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.

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Sour Mai Tai Shatter

Concentrates & Extracts, Shatter, Butane



Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	364.850	1000.000	ND	Pass	V1
Acetonitrile	148.310	410.000	ND	Pass	
Benzene	0.730	2.000	ND	Pass	
Butanes	2427.470	5000.000	<LOQ	Pass	
Chloroform	21.850	60.000	ND	Pass	
Dichloromethane	222.010	600.000	ND	Pass	
Ethanol	1810.200	5000.000	ND	Pass	
Ethyl-Acetate	1811.920	5000.000	ND	Pass	
Ethyl-Ether	1804.850	5000.000	ND	Pass	
Heptane	1807.470	5000.000	ND	Pass	V1 L1
Hexanes	104.190	290.000	ND	Pass	V1
Isopropanol	1801.720	5000.000	ND	Pass	
Isopropyl-Acetate	1805.050	5000.000	ND	Pass	
Methanol	1080.200	3000.000	ND	Pass	
Pentanes	1816.770	5000.000	ND	Pass	V1
Toluene	325.090	890.000	ND	Pass	
Xylenes	778.910	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 07/18/2024 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



Certificate of Analysis

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Sour Mai Tai Shatter

Concentrates & Extracts, Shatter, Butane



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	M2	Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	<LOQ	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.050	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass		Pacllobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	M2
Clofentezine	0.050	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.450	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	0.279	Pass	
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.460	1.000	ND	Pass	M1
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	M2
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	M2
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	M2
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 07/17/2024 07:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.

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Tim Kustron
Technical Lab Director

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Concentrates & Extracts, Shatter, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 07/16/2024
Total Aflatoxins Date Tested: 07/16/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	4.33	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.90	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.

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Concentrates & Extracts, Shatter, Butane



Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:
Date Tested: 07/18/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.

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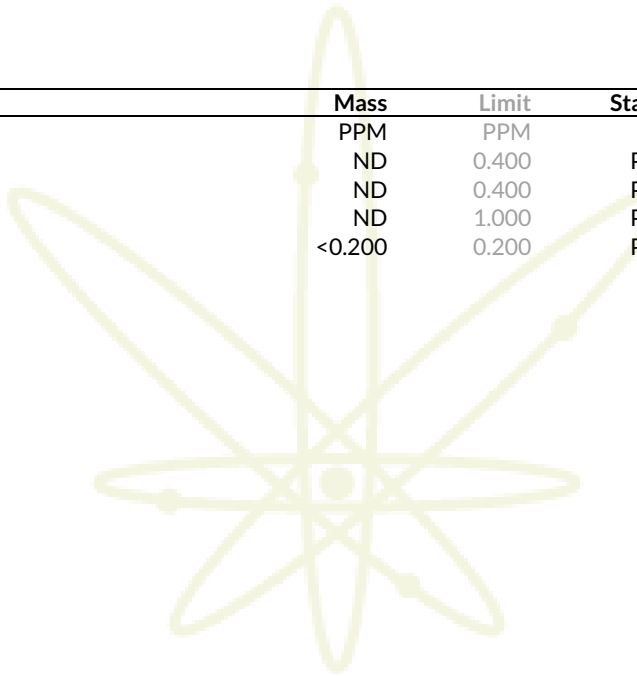
Concentrates & Extracts, Shatter, Butane



Heavy Metals

Pass

Analyte	Mass	Limit	Status	Qualifier
	PPM	PPM		
Arsenic	ND	0.400	Pass	
Cadmium	ND	0.400	Pass	
Lead	ND	1.000	Pass	
Mercury	<0.200	0.200	Pass	



LEVEL ONE

Qualifiers:
Date Tested: 07/17/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



Certificate of Analysis

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Notes from Manufacturer

The Good - Other Information

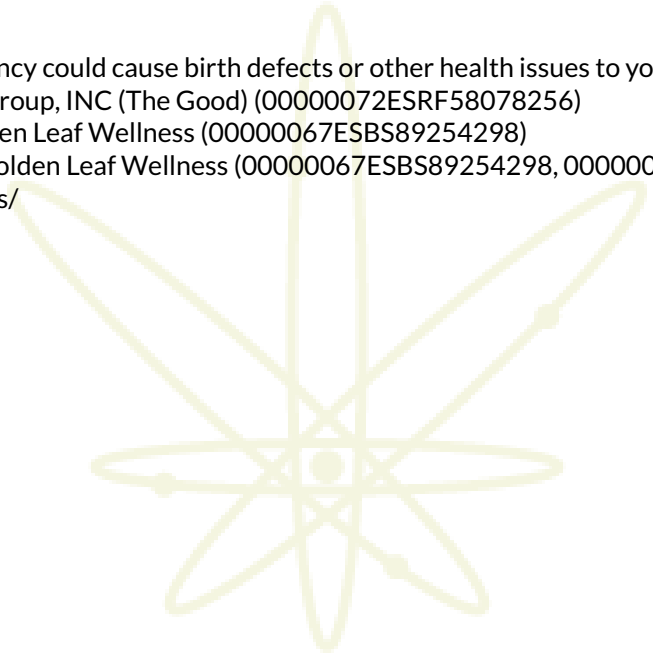
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Valley Healing Group, INC (The Good) (00000072ESRF58078256)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS0021660)

<https://azcarecheck.azdhs.gov/s/>



LEVEL ONE

L A B S



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Concentrates & Extracts, Shatter, Butane



IAS Laboratories
2515 East University Drive
Phoenix, Arizona 85034
(602) 273-7248
Fax (602) 275-3836

Work Order: 24G0283

Submitted By: Conner Griffith
Report To: Level One Labs
Project: Four Metals

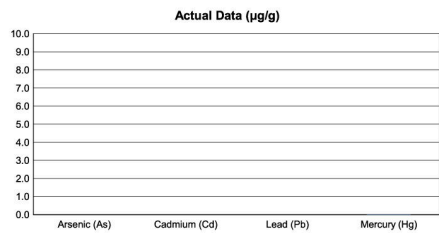
Sample Results
(Continued)

Sample Name: 901.4667
Lab ID: 24G0283-09 (Heavy Metals)
Analyst Initials: GD
Report Expires: August 19, 2024

Sample Image:



	Result	Qual	Units	*ADHS Limit	LOQ
Metals					
Arsenic (As)	ND	Pass	ppm	0.4	0.001
Time Analyzed: 7/17/2024 4:35:25PM					
Cadmium (Cd)	ND	Pass	ppm	0.4	0.001
Time Analyzed: 7/17/2024 4:35:25PM					
Lead (Pb)	ND	Pass	ppm	1.0	0.001
Time Analyzed: 7/17/2024 4:35:25PM					
Mercury (Hg)	<0.004	Pass	ppm	0.2	0.001
Time Analyzed: 7/17/2024 4:35:25PM					



LE

NE

*Limits are set by Arizona Department Health and Services: Medical Marijuana Testing Council, December 2019.
MRL: Minimum Reporting Limit
ND: None Detected

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.