

Io Extracts

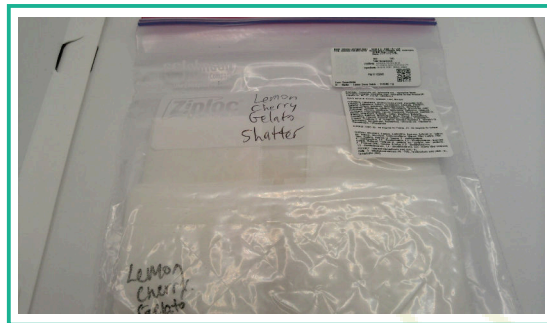
3000 E Valencia Rd Suite 160
Tucson, AZ 85706
linda@ioextracts.com
(520) 409-1482
Lic. #00000077DCPS00216601

Sample: 2405LVL0629.3478

Secondary License: ; Chain of Distribution:
Strain: Lemon Cherry Gelato; Batch Size: g; External Batch ID: G-0502-S-LCG
Sample Received: 05/03/2024; Report Created: 05/08/2024; Report Expiration: 05/08/2025
Sampling Date: 01/08/2024; Sampling Time: 1 PM; Sampling Person: Carmen Hamilton
Harvest Date: 01/08/2024; Manufacturing Date: 05/02/2024; External Lot ID: G-0502-S-LCG

Lemon Cherry Gelato Shatter

Concentrates & Extracts, Shatter, Butane



76.70% Total THC	<LOQ Total CBD	90.39% Total Cannabinoids
29.04 mg/g Total Terpenes	Not Tested NT Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.624	81.730	817.30	
Δ9-THC	0.624	5.022	50.22	
Δ8-THC	0.624	ND	ND	Q3
THCVa	0.624	0.911	9.11	Q3
THCV	0.624	ND	ND	Q3
CBDa	0.624	<LOQ	<LOQ	
CBD	0.624	ND	ND	
CBDVa	0.624	ND	ND	Q3
CBDV	0.624	ND	ND	Q3
CBN	0.624	ND	ND	Q3
CBGa	0.624	1.799	17.99	Q3
CBG	0.624	<LOQ	<LOQ	Q3
CBCa	0.624	0.930	9.30	Q3
CBC	0.624	<LOQ	<LOQ	Q3
Total		90.392	903.92	Q3

Qualifiers:
Date Tested: 05/03/2024 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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Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
Farnesene	0.07	10.44	1.044	Q3	cis-Nerolidol	0.79	ND	Q3	
β-Caryophyllene	0.79	8.31	0.831	Q3	Citronellol	3.96	ND	Q3	
α-Humulene	0.40	2.24	0.224	Q3	Eucalyptol	0.40	ND	Q3	
δ-Limonene	0.79	1.97	0.197	Q3	Fenchone	0.79	<LOQ	<LOQ	Q3
Linalool	0.79	1.89	0.189	Q3	γ-Terpinene	0.40	<LOQ	<LOQ	Q3
Fenchol	0.40	1.54	0.154	Q3	γ-Terpineol	0.08	ND	ND	Q3
α-Terpineol	0.65	0.90	0.090	Q3	Geraniol	7.93	ND	ND	Q3
β-Myrcene	0.40	0.55	0.055	Q3	Geranyl Acetate	0.40	ND	ND	Q3
α-Bisabolol	0.40	0.53	0.053	Q3	Guaiol	0.40	ND	ND	Q3
α-Pinene	0.40	0.42	0.042	Q3	Isoborneol	3.96	ND	ND	Q3
cis-Ocimene	0.11	0.25	0.025	Q3	Isopulegol	0.40	ND	ND	Q3
3-Carene	0.79	ND	ND	Q3	Menthol	0.40	ND	ND	Q3
α-Cedrene	0.40	ND	ND	Q3	Nerol	0.40	ND	ND	Q3
α-Phellandrene	0.40	ND	ND	Q3	Pulegone	0.40	ND	ND	Q3
α-Terpinene	0.40	<LOQ	<LOQ	Q3	p-Cymene	0.40	ND	ND	Q3
β-Eudesmol	0.40	ND	ND	Q3	Sabinene	0.40	ND	ND	Q3
β-Pinene	0.79	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.40	ND	ND	Q3
Borneol	1.19	<LOQ	<LOQ	Q3	Terpinolene	0.79	<LOQ	<LOQ	Q3
Camphene	0.40	<LOQ	<LOQ	Q3	trans-Nerolidol	0.40	ND	ND	Q3
Camphor	1.59	ND	ND	Q3	trans-Ocimene	0.26	ND	ND	Q3
Caryophyllene Oxide	0.40	<LOQ	<LOQ	Q3	Valencene	0.40	ND	ND	Q3
Cedrol	0.40	ND	ND	Q3					


Primary Aromas




Magnolia




Cinnamon



Hops



Lemon



Lavender

29.04 mg/g
Total Terpenes

Qualifiers:
Date Tested: 05/06/2024 12:00 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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Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	354.120	1000.000	ND	Pass	V1
Acetonitrile	143.950	410.000	ND	Pass	V1
Benzene	0.700	2.000	ND	Pass	V1 L1 M1
Butanes	2356.080	5000.000	ND	Pass	V1 L1
Chloroform	21.200	60.000	ND	Pass	V1
Dichloromethane	215.480	600.000	ND	Pass	V1
Ethanol	1756.960	5000.000	ND	Pass	V1
Ethyl-Acetate	1758.630	5000.000	ND	Pass	V1
Ethyl-Ether	1751.760	5000.000	ND	Pass	V1
Heptane	1754.310	5000.000	ND	Pass	V1
Hexanes	101.130	290.000	ND	Pass	R1
Isopropanol	1748.730	5000.000	ND	Pass	V1
Isopropyl-Acetate	1751.960	5000.000	ND	Pass	V1
Methanol	1048.430	3000.000	ND	Pass	V1
Pentanes	1763.330	5000.000	ND	Pass	R1
Toluene	315.530	890.000	ND	Pass	V1
Xylenes	756.000	2170.000	ND	Pass	V1

LEVEL ONE

Qualifiers:
Date Tested: 05/06/2024 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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Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.040	0.500	ND	Pass	M2	Hexythiazox	0.050	1.000	ND	Pass	M2
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	M2
Acetamiprid	0.050	0.200	ND	Pass	M2	Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	M2
Azoxystrobin	0.050	0.200	ND	Pass	M2	Malathion	0.050	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.050	0.200	ND	Pass	M2
Bifenthrin	0.050	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	M2
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	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.050	0.200	ND	Pass		Oxamyl	0.050	1.000	ND	Pass	
Chlorfenapyr	0.470	1.000	ND	Pass	M2	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	M2	Phosmet	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	ND	Pass	M2
Cypermethrin	0.050	1.000	ND	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	M2
Daminozide	0.460	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	M2
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.470	1.000	<LOQ	Pass	L1 V1
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	M2
Ethoprophos	0.050	0.200	ND	Pass	M2	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	0.050	0.200	ND	Pass	M2	Spirotetramat	0.050	0.200	ND	Pass	M2
Fenoxycarb	0.050	0.200	ND	Pass	M2	Spiroxamine	0.050	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	M2
Fipronil	0.050	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	M2
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.050	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	M2

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 05/06/2024 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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Concentrates & Extracts, Shatter, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 05/03/2024
Total Aflatoxins Date Tested: 05/03/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.21	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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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: 05/04/2024 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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Heavy Metals

Pass

Analyte	Mass	Limit	Status	Qualifier
	PPM	PPM		
Arsenic	<0.400	0.400	Pass	L1
Cadmium	ND	0.400	Pass	L1
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



Qualifiers:
Date Tested: 05/06/2024 07:00 am

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Notes from Manufacturer

Genesis - Other Information

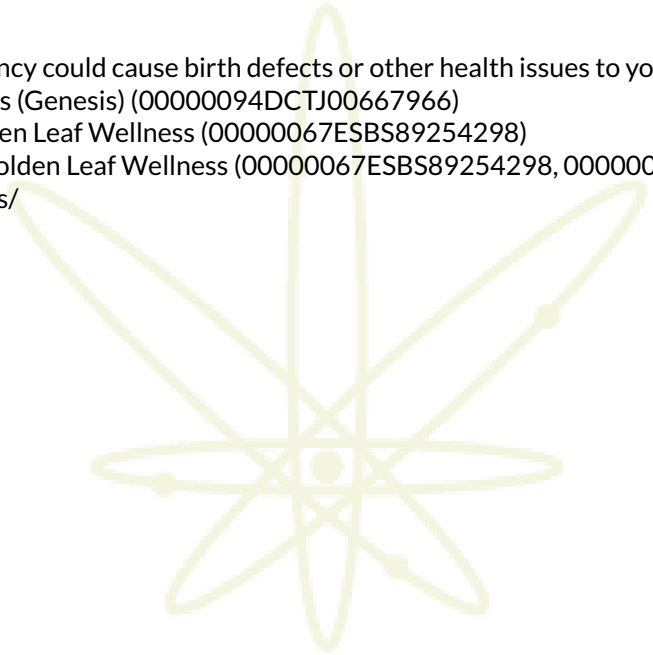
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Soothing Options (Genesis) (00000094DCTJ00667966)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



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