

**Io Extracts**


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

**Sample: 2404LVL0550.3044**

Secondary License: ; Chain of Distribution:  
Strain: Grease Monkey; Batch Size: g; External Batch ID: G-0417-S-GM  
Sample Received: 04/18/2024; Report Created: 04/24/2024; Report Expiration: 04/24/2025  
Sampling Date: 04/17/2024; Sampling Time: 9 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 02/06/2024; Manufacturing Date: 04/17/2024; External Lot ID: G-0417-S-GM

**Grease Monkey Shatter**  
Concentrates & Extracts, Shatter, Butane



	<b>75.19%</b> Total THC	<b>&lt;LOQ</b> Total CBD	<b>87.24%</b> Total Cannabinoids
	<b>25.96 mg/g</b> Total Terpenes	<b>Not Tested</b> Moisture	

**Cannabinoids**

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.669	83.693	836.93	
Δ9-THC	0.669	1.789	17.89	
Δ8-THC	0.669	ND	ND	
THCVa	0.669	<LOQ	<LOQ	Q3
THCV	0.669	ND	ND	Q3
CBDa	0.669	<LOQ	<LOQ	
CBD	0.669	ND	ND	
CBDVa	0.669	ND	ND	Q3
CBDV	0.669	ND	ND	Q3
CBN	0.669	ND	ND	Q3
CBGa	0.669	1.757	17.57	Q3
CBG	0.669	<LOQ	<LOQ	Q3
CBCa	0.669	<LOQ	<LOQ	Q3
CBC	0.669	ND	ND	Q3
<b>Total</b>		<b>87.240</b>	<b>872.40</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 04/18/2024 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	%	
β-Caryophyllene	0.71	12.16	1.216	Q3	Citronellol	3.55	ND	Q3
δ-Limonene	0.71	5.04	0.504	Q3	Eucalyptol	0.35	ND	Q3
α-Humulene	0.35	2.92	0.292	Q3	Farnesene	0.06	ND	Q3
β-Myrcene	0.35	1.55	0.155	Q3	Fenchone	0.71	<LOQ	<LOQ
Fenchol	0.35	1.35	0.135	Q3	γ-Terpinene	0.35	ND	Q3
Linalool	0.71	0.96	0.096	Q3	γ-Terpineol	0.08	ND	Q3
α-Bisabolol	0.35	0.87	0.087	Q3	Geraniol	7.10	ND	Q3
α-Pinene	0.35	0.80	0.080	Q3	Geranyl Acetate	0.35	ND	Q3
cis-Ocimene	0.10	0.31	0.031	Q3	Guaiol	0.35	ND	Q3
3-Carene	0.71	ND	ND	Q3	Isoborneol	3.55	ND	Q3
α-Cedrene	0.35	ND	ND	Q3	Isopulegol	0.35	ND	Q3
α-Phellandrene	0.35	ND	ND	Q3	Menthol	0.35	ND	Q3
α-Terpinene	0.35	ND	ND	Q3	Nerol	0.35	ND	Q3
α-Terpineol	0.58	<LOQ	<LOQ	Q3	Pulegone	0.35	ND	Q3
β-Eudesmol	0.35	ND	ND	Q3	p-Cymene	0.35	ND	Q3
β-Pinene	0.71	<LOQ	<LOQ	Q3	Sabinene	0.35	ND	Q3
Borneol	1.06	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.35	ND	Q3
Camphene	0.35	<LOQ	<LOQ	Q3	Terpinolene	0.71	<LOQ	<LOQ
Camphor	1.42	ND	ND	Q3	trans-Nerolidol	0.35	ND	Q3
Caryophyllene	0.35	ND	ND	Q3	trans-Ocimene	0.23	ND	Q3
Oxide	0.35	ND	ND	Q3	Valencene	0.35	ND	Q3
Cedrol	0.35	ND	ND	Q3				
cis-Nerolidol	0.71	ND	ND	Q3				


## Primary Aromas




Cinnamon




Lemon



Hops



Basil



Lavender

**25.96 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 04/19/2024 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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## Grease Monkey Shatter

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## Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	348.650	1000.000	ND	Pass	
Acetonitrile	141.730	410.000	ND	Pass	
Benzene	0.690	2.000	ND	Pass	
Butanes	2319.690	5000.000	ND	Pass	
Chloroform	20.880	60.000	ND	Pass	
Dichloromethane	212.150	600.000	ND	Pass	
Ethanol	1729.830	5000.000	ND	Pass	
Ethyl-Acetate	1731.470	5000.000	ND	Pass	
Ethyl-Ether	1724.710	5000.000	ND	Pass	
Heptane	1727.220	5000.000	ND	Pass	
Hexanes	99.570	290.000	ND	Pass	
Isopropanol	1721.720	5000.000	ND	Pass	
Isopropyl-Acetate	1724.900	5000.000	ND	Pass	
Methanol	1032.240	3000.000	ND	Pass	
Pentanes	1736.100	5000.000	ND	Pass	
Toluene	310.660	890.000	ND	Pass	
Xylenes	744.320	2170.000	ND	Pass	

# LEVEL ONE

Qualifiers:  
Date Tested: 04/19/2024 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.

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**Grease Monkey 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	0.040	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.040	0.400	ND	Pass	
Aldicarb	0.040	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	0.040	0.200	ND	Pass	M1	Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.040	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	L1 M1 V1	Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.450	1.000	ND	Pass		Paclobotrazol	0.040	0.400	ND	Pass	
Chlorpyrifos	0.040	0.200	ND	Pass		Permethrins	0.040	0.200	ND	Pass	M2
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.440	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.040	1.000	ND	Pass	M2	Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.440	1.000	ND	Pass		Propiconazole	0.040	0.400	ND	Pass	M2
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.040	0.200	ND	Pass		Pyrethrins	0.450	1.000	ND	Pass	M1
Dimethoate	0.040	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	M2
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.040	0.200	ND	Pass	M2
Etofenprox	0.040	0.400	ND	Pass	M2	Spiromesifen	0.040	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.040	0.200	ND	Pass	
Fenoxycarb	0.040	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass	M2	Tebuconazole	0.040	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.040	0.200	ND	Pass	
Flonicamid	0.040	1.000	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.040	0.200	ND	Pass	

**Herbicides**

Analyte	LOQ	Limit	Units	Status
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**Qualifiers:**

Date Tested: 04/18/2024 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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**Mycotoxins**

**Pass**

Total Ochratoxins Date Tested: 04/20/2024  
Total Aflatoxins Date Tested: 04/20/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	<LOQ	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.27	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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**Grease Monkey Shatter**

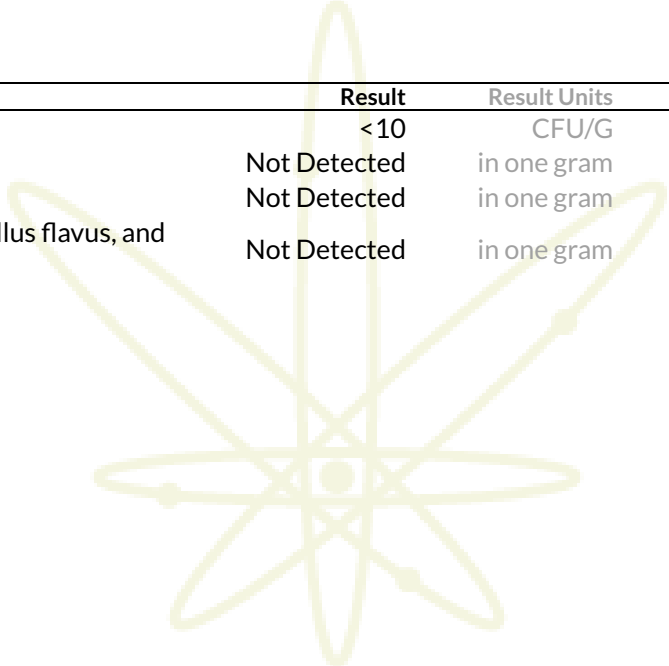
Concentrates & Extracts, Shatter, Butane



**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	



**LEVEL ONE**

Qualifiers:  
Date Tested: 04/22/2024 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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**Grease Monkey Shatter**

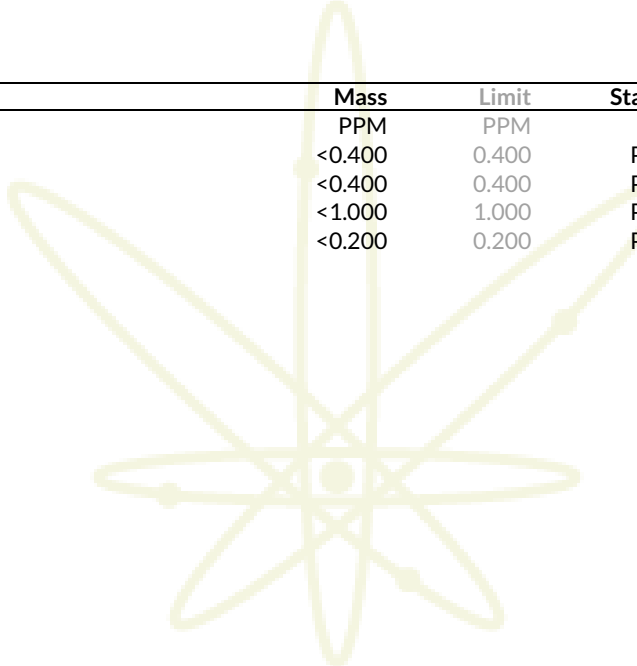
Concentrates & Extracts, Shatter, Butane



**Heavy Metals**

**Pass**

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	V1
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



**LEVEL ONE**

Qualifiers:  
Date Tested: 04/23/2024 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

### Genesis - Other Information

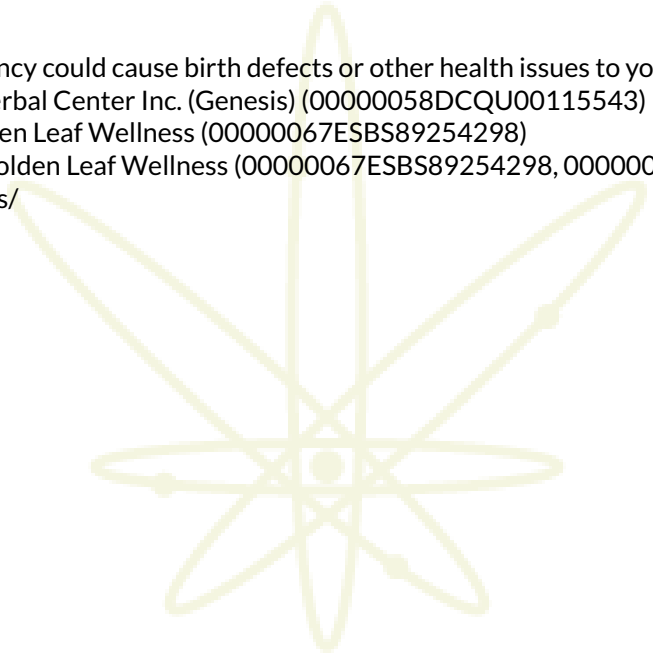
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Copper State Herbal Center Inc. (Genesis) (00000058DCQU00115543)

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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Scottsdale, AZ  
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