

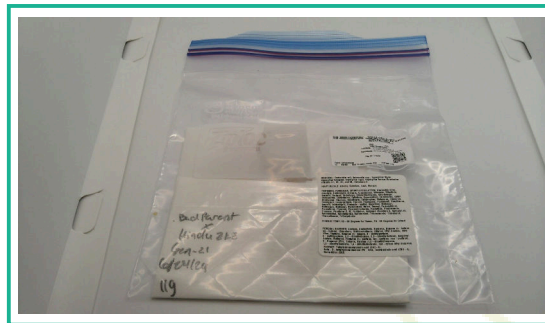
Io Extracts

3000 E Valencia Rd Suite 160
Tucson, AZ 85706
linda@ioextracts.com
(520) 409-1482
Lic. #00000067ESBS89254298

Sample: 2406LVL0842.4364

Secondary License: ; Chain of Distribution:
Strain: Bad Parent x Hindu ZKZ; Batch Size: g; External Batch ID: G-0624-S-BPHZ
Sample Received: 06/25/2024; Report Created: 06/28/2024; Report Expiration: 06/28/2025
Sampling Date: 06/24/2024; Sampling Time: 9 AM; Sampling Person: Carmen Hamilton
Harvest Date: 01/16/2024; Manufacturing Date: 06/24/2024; External Lot ID: G-0624-S-BPHZ

Bad Parent x Hindu ZKZ Shatter
Concentrates & Extracts, Shatter, Butane



76.50% Total THC	<LOQ Total CBD	86.09% Total Cannabinoids
60.03 mg/g Total Terpenes	Not Tested Moisture NT	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.68	69.70	697.0	
Δ9-THC	0.68	15.38	153.8	
Δ8-THC	0.68	ND	ND	Q3
THCVa	0.68	<LOQ	<LOQ	Q3
THCV	0.68	ND	ND	Q3
CBDa	0.68	<LOQ	<LOQ	
CBD	0.68	ND	ND	
CBDVa	0.68	ND	ND	Q3
CBDV	0.68	ND	ND	Q3
CBN	0.68	<LOQ	<LOQ	Q3
CBGa	0.68	1.01	10.1	Q3
CBG	0.68	<LOQ	<LOQ	Q3
CBCa	0.68	<LOQ	<LOQ	Q3
CBC	0.68	<LOQ	<LOQ	Q3
Total		86.09	860.9	Q3

Qualifiers:
Date Tested: 06/26/2024 12:00 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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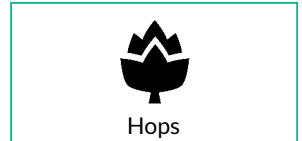
Concentrates & Extracts, Shatter, Butane



Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
β-Caryophyllene	0.89	25.22	2.522	Q3	cis-Ocimene	0.13	ND	ND	Q3
Farnesene	0.07	18.50	1.850	Q3	Citronellol	4.47	ND	ND	Q3
α-Humulene	0.45	6.51	0.651	Q3	Eucalyptol	0.45	ND	ND	Q3
α-Bisabolol	0.45	2.42	0.242	Q3	Fenchone	0.89	<LOQ	<LOQ	Q3
δ-Limonene	0.89	2.02	0.202	Q3	γ-Terpinene	0.45	ND	ND	Q3
Linalool	0.89	1.95	0.195	Q3	γ-Terpineol	0.10	ND	ND	Q3
Fenchol	0.45	1.78	0.178	Q3	Geraniol	8.95	ND	ND	Q3
α-Terpineol	0.73	0.84	0.084	Q3	Geranyl Acetate	0.45	ND	ND	Q3
Caryophyllene Oxide	0.45	0.79	0.079	Q3	Guaiol	0.45	ND	ND	Q3
3-Carene	0.89	ND	ND	Q3	Isoborneol	4.47	ND	ND	Q3
α-Cedrene	0.45	ND	ND	Q3	Isopulegol	0.45	ND	ND	Q3
α-Phellandrene	0.45	ND	ND	Q3	Menthol	0.45	ND	ND	Q3
α-Pinene	0.45	<LOQ	<LOQ	Q3	Nerol	0.45	ND	ND	Q3
α-Terpinene	0.45	ND	ND	Q3	Pulegone	0.45	ND	ND	Q3
β-Eudesmol	0.45	ND	ND	Q3	p-Cymene	0.45	ND	ND	Q3
β-Myrcene	0.45	ND	ND	Q3	Sabinene	0.45	ND	ND	Q3
β-Pinene	0.89	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.45	ND	ND	Q3
Borneol	1.34	<LOQ	<LOQ	Q3	Terpinolene	0.89	<LOQ	<LOQ	Q3
Camphene	0.45	ND	ND	Q3	trans-Nerolidol	0.45	ND	ND	Q3
Camphor	1.79	ND	ND	Q3	trans-Ocimene	0.29	ND	ND	Q3
Cedrol	0.45	ND	ND	Q3	Valencene	0.45	ND	ND	Q3
cis-Nerolidol	0.89	ND	ND	Q3					

Primary Aromas



60.03 mg/g
Total Terpenes

Qualifiers:
Date Tested: 06/26/2024 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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Bad Parent x Hindu ZKZ Shatter

Concentrates & Extracts, Shatter, Butane



Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	343.350	1000.000	ND	Pass	
Acetonitrile	139.570	410.000	ND	Pass	
Benzene	0.680	2.000	ND	Pass	
Butanes	2284.410	5000.000	ND	Pass	
Chloroform	20.560	60.000	ND	Pass	V1 L1
Dichloromethane	208.930	600.000	ND	Pass	L1
Ethanol	1703.520	5000.000	ND	Pass	
Ethyl-Acetate	1705.130	5000.000	ND	Pass	
Ethyl-Ether	1698.480	5000.000	ND	Pass	
Heptane	1700.950	5000.000	ND	Pass	V1 L1
Hexanes	98.050	290.000	ND	Pass	L1
Isopropanol	1695.530	5000.000	ND	Pass	
Isopropyl-Acetate	1698.670	5000.000	ND	Pass	
Methanol	1016.540	3000.000	ND	Pass	
Pentanes	1709.700	5000.000	ND	Pass	L1
Toluene	305.930	890.000	ND	Pass	
Xylenes	733.000	2170.000	ND	Pass	V1

LEVEL ONE

Qualifiers:
Date Tested: 06/26/2024 12:00 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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Bad Parent x Hindu ZKZ 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	0.040	0.500	ND	Pass	M2	Hexythiazox	0.050	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.050	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	0.050	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.050	0.200	ND	Pass	
Bifenthrin	0.050	0.200	ND	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	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.050	0.200	ND	Pass		Oxamyl	0.050	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	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	M1
Cypermethrin	0.050	1.000	ND	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	
Daminozide	0.460	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	0.470	1.000	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	M2
Ethoprophos	0.050	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	0.050	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.050	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.050	0.400	ND	Pass	M1	Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.050	0.400	ND	Pass	M1	Trifloxystrobin	0.050	0.200	ND	Pass	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 06/25/2024 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.



1525 N Granite Reef Rd
Scottsdale, AZ
(480) 867-1520
<http://www.levelonelabs.com>
Lic# 00000004LCIG00024823

Matthew Schuberth
Laboratory Manager

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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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Bad Parent x Hindu ZKZ Shatter

Concentrates & Extracts, Shatter, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 06/25/2024
Total Aflatoxins Date Tested: 06/25/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	4.35	Pass	
Total Ochratoxins (A and B)	2.00	20.00	8.33	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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Bad Parent x Hindu ZKZ 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	

Qualifiers:
Date Tested: 06/26/2024 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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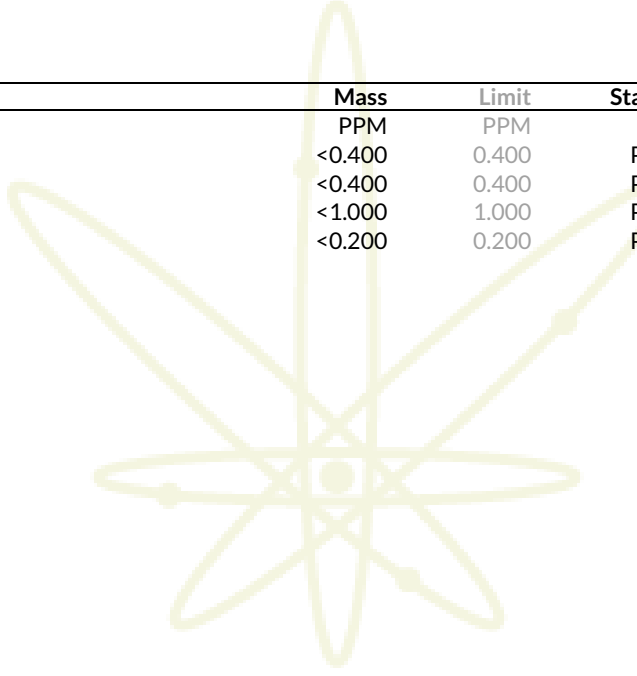
Concentrates & Extracts, Shatter, Butane



Heavy Metals

Pass

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



LEVEL ONE

Qualifiers:
Date Tested: 06/26/2024 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. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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Concentrates & Extracts, Shatter, Butane



Notes from Manufacturer

Genesis - Other Information

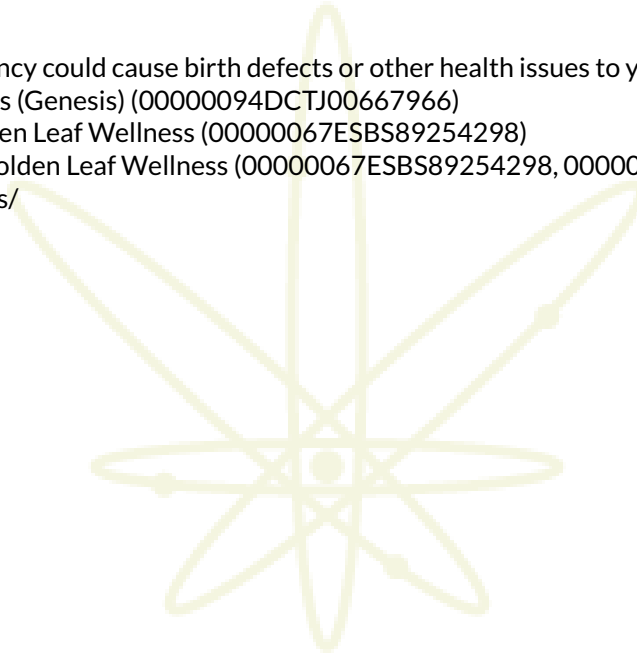
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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/>



LEVEL ONE

L A B S



1525 N Granite Reef Rd
Scottsdale, AZ
(480) 867-1520
<http://www.levelonelabs.com>
Lic# 00000004LCIG00024823

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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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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: 24F0494

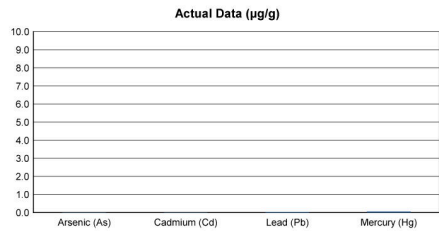
Submitted By: Conner Griffith
Report To: Level One Labs
Project: Four Metals

Sample Results

Sample Name: 842.4364
Lab ID: 24F0494-01 (Heavy Metals)
Analyst Initials: admin
Report Expires: July 28, 2024



	Result	Qual	Units	*ADHS Limit	LOQ
Metals					
Arsenic (As)	<0.004	Pass	ppm	0.4	0.001
Time Analyzed: 6/26/2024 1:51:05PM					
Cadmium (Cd)	<0.008	Pass	ppm	0.4	0.001
Time Analyzed: 6/26/2024 1:51:05PM					
Lead (Pb)	0.03	Pass	ppm	1.0	0.001
Time Analyzed: 6/26/2024 1:51:05PM					
Mercury (Hg)	0.06	Pass	ppm	0.2	0.001
Time Analyzed: 6/26/2024 1:51:05PM					



*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.

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