

Io Extracts

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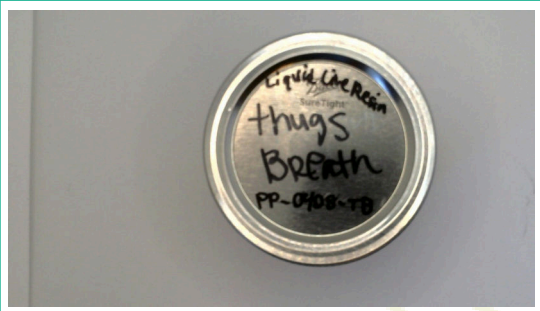
Sample: 2404LVL0515.2854

Secondary License: ; Chain of Distribution:
Strain: Thugs Breath; Batch Size: g; External Batch ID: PP-0408-TB
Sample Received: 04/09/2024; Report Created: 04/16/2024; Report Expiration: 04/16/2025
Sampling Date: 04/08/2024; Sampling Time: 12 PM; Sampling Person: Carmen Hamilton
Harvest Date: 11/06/2023; Manufacturing Date: 04/08/2024; External Lot ID: PP-0408-TB

Thugs Breath Liquid Cured Sauce

Concentrates & Extracts, Sauce, Butane



	83.46%	ND	85.52%
	Total THC	Total CBD	
	NT	Not Tested	Total Cannabinoids
Total Terpenes	Moisture		

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.596	2.414	24.14	
Δ9-THC	0.596	81.340	813.40	
Δ8-THC	0.596	0.978	9.78	
THCVa	0.596	ND	ND	Q3
THCV	0.596	0.788	7.88	Q3
CBDa	0.596	ND	ND	
CBD	0.596	ND	ND	
CBDVa	0.596	ND	ND	Q3
CBDV	0.596	ND	ND	Q3
CBN	0.596	<LOQ	<LOQ	Q3
CBGa	0.596	<LOQ	<LOQ	Q3
CBG	0.596	ND	ND	Q3
CBCa	0.596	ND	ND	Q3
CBC	0.596	<LOQ	<LOQ	Q3
Total		85.520	855.20	Q3

Qualifiers:
Date Tested: 04/11/2024 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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Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	367.820	1000.000	ND	Pass	
Acetonitrile	149.520	410.000	ND	Pass	
Benzene	0.730	2.000	ND	Pass	V1 L1 M1
Butanes	2447.250	5000.000	ND	Pass	V1 L1 M1
Chloroform	22.030	60.000	ND	Pass	
Dichloromethane	223.820	600.000	ND	Pass	
Ethanol	1824.950	5000.000	ND	Pass	
Ethyl-Acetate	1826.680	5000.000	ND	Pass	
Ethyl-Ether	1819.550	5000.000	ND	Pass	
Heptane	1822.200	5000.000	ND	Pass	L1
Hexanes	105.040	290.000	ND	Pass	L1 M1
Isopropanol	1816.400	5000.000	ND	Pass	
Isopropyl-Acetate	1819.760	5000.000	ND	Pass	
Methanol	1089.000	3000.000	ND	Pass	V1 L1 M1
Pentanes	1831.570	5000.000	ND	Pass	V1 L1 M1
Toluene	327.740	890.000	ND	Pass	
Xylenes	785.250	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 04/10/2024 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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Concentrates & Extracts, Sauce, 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	M2
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	M1	Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.040	0.200	ND	Pass		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	M2	Myclobutanil	0.040	0.200	ND	Pass	
Carbofuran	0.040	0.200	ND	Pass	V1L1M1	Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.440	1.000	ND	Pass		Pacllobutrazol	0.040	0.400	ND	Pass	
Chlorpyrifos	0.040	0.200	ND	Pass	M2	Permethrins	0.040	0.200	ND	Pass	M2
Clofentezine	0.040	0.200	ND	Pass	M2	Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.440	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.040	1.000	ND	Pass		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	M2
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	M2	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	M2
Fipronil	0.040	0.400	ND	Pass	M1	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: 04/12/2024 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: 04/14/2024
Total Aflatoxins Date Tested: 04/14/2024

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	3.09	Pass	

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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.



Certificate of Analysis

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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: 04/12/2024 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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Matthew Schuberth
Laboratory Director

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Heavy Metals

Pass

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

LEVEL ONE

Qualifiers:
Date Tested: 04/10/2024 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



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Notes from Manufacturer

Potent Planet - Other Information

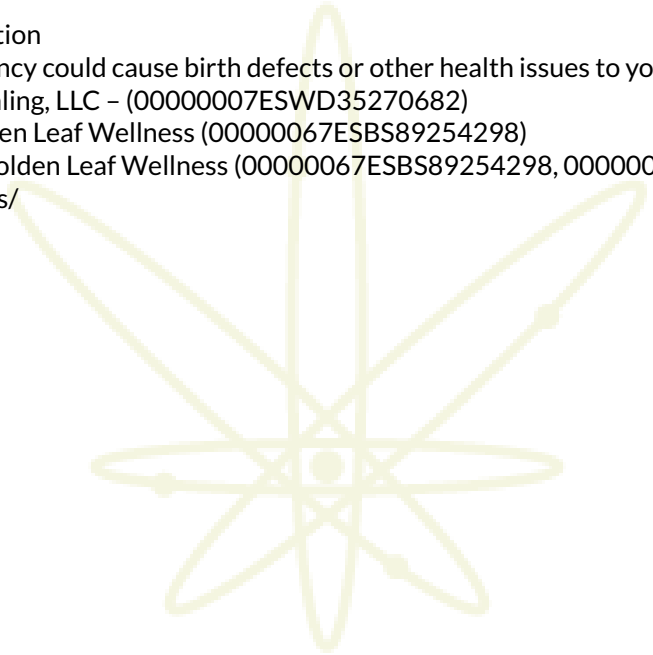
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: High Desert Healing, LLC - (00000007ESWD35270682)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



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