

Io Extracts

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


Sample: 2407LVL0952.4850

Secondary License: ; Chain of Distribution:
Strain: Jungle Grapes x Golden Apple; Batch Size: g; External Batch ID: PP-0730-JGGA
Sample Received: 07/31/2024; Report Created: 08/06/2024; Report Expiration: 08/06/2025
Sampling Date: 07/30/2024; Sampling Time: 12 PM; Sampling Person: Carmen Hamilton
Harvest Date: 03/04/2024; Manufacturing Date: 07/30/2024; External Lot ID: PP-0730-JGGA
Date of Pickup: Time Collected:

Jungle Grapes x Golden Apple Liquid Cured Sauce

Concentrates & Extracts, Sauce, Butane



	90.79%	0.00%	97.71%
	Total THC	Total CBD	
	57.86 mg/g	Not Tested	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	1.86	11.54	115.4	
Δ9-THC	1.86	80.67	806.7	
Δ8-THC	1.86	ND	ND	Q3
THCVa	1.86	ND	ND	Q3
THCV	1.86	<LOQ	<LOQ	Q3
CBDa	1.86	ND	ND	
CBD	1.86	ND	ND	
CBDVa	1.86	ND	ND	Q3
CBDV	1.86	ND	ND	Q3
CBN	1.86	<LOQ	<LOQ	Q3
CBGa	1.86	3.53	35.3	Q3
CBG	1.86	1.96	19.6	Q3
CBCa	1.86	<LOQ	<LOQ	Q3
CBC	1.86	ND	ND	Q3
Total		97.71	977.1	Q3

Qualifiers:
Date Tested: 08/01/2024 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	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.77	14.85	1.485	Q3	Cedrol	0.39	ND	ND	Q3
β-Myrcene	0.39	11.24	1.124	Q3	cis-Nerolidol	0.77	ND	ND	Q3
δ-Limonene	0.77	8.44	0.844	Q3	Citronellol	3.87	ND	ND	Q3
Farnesene	0.06	6.68	0.668	Q3	Eucalyptol	0.39	ND	ND	Q3
α-Humulene	0.39	4.81	0.481	Q3	Fenchone	0.77	<LOQ	<LOQ	Q3
cis-Ocimene	0.11	1.95	0.195	Q3	γ-Terpinene	0.39	ND	ND	Q3
α-Pinene	0.39	1.77	0.177	Q3	γ-Terpineol	0.08	ND	ND	Q3
Linalool	0.77	1.58	0.158	Q3	Geraniol	7.74	ND	ND	Q3
α-Bisabolol	0.39	1.54	0.154	Q3	Geranyl Acetate	0.39	ND	ND	Q3
Guaiol	0.39	1.34	0.134	Q3	Isoborneol	3.87	ND	ND	Q3
Fenchol	0.39	1.32	0.132	Q3	Isopulegol	0.39	ND	ND	Q3
β-Eudesmol	0.39	0.87	0.087	Q3	Menthol	0.39	ND	ND	Q3
α-Terpineol	0.63	0.84	0.084	Q3	Nerol	0.39	ND	ND	Q3
Caryophyllene Oxide	0.39	0.63	0.063	Q3	Pulegone	0.39	ND	ND	Q3
3-Carene	0.77	ND	ND	Q3	p-Cymene	0.39	ND	ND	Q3
α-Cedrene	0.39	ND	ND	Q3	Sabinene	0.39	ND	ND	Q3
α-Phellandrene	0.39	ND	ND	Q3	Sabinene Hydrate	0.39	ND	ND	Q3
α-Terpinene	0.39	ND	ND	Q3	Terpinolene	0.77	<LOQ	<LOQ	Q3
β-Pinene	0.77	<LOQ	<LOQ	Q3	trans-Nerolidol	0.39	ND	ND	Q3
Borneol	1.16	<LOQ	<LOQ	Q3	trans-Ocimene	0.25	ND	ND	Q3
Camphene	0.39	<LOQ	<LOQ	Q3	Valencene	0.39	ND	ND	Q3
Camphor	1.55	ND	ND	Q3					


Primary Aromas




Cinnamon




Hops



Lemon



Magnolia



Earthy

57.86 mg/g
Total Terpenes

Qualifiers:
Date Tested: 07/31/2024 12:00 am

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Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	354.810	1000.000	ND	Pass	
Acetonitrile	144.230	410.000	ND	Pass	
Benzene	0.710	2.000	ND	Pass	
Butanes	2360.710	5000.000	ND	Pass	
Chloroform	21.250	60.000	ND	Pass	
Dichloromethane	215.900	600.000	ND	Pass	
Ethanol	1760.410	5000.000	ND	Pass	
Ethyl-Acetate	1762.080	5000.000	ND	Pass	
Ethyl-Ether	1755.210	5000.000	ND	Pass	
Heptane	1757.760	5000.000	ND	Pass	
Hexanes	101.330	290.000	ND	Pass	
Isopropanol	1752.160	5000.000	ND	Pass	
Isopropyl-Acetate	1755.400	5000.000	ND	Pass	
Methanol	1050.490	3000.000	ND	Pass	
Pentanes	1766.800	5000.000	ND	Pass	
Toluene	316.150	890.000	ND	Pass	
Xylenes	757.490	2170.000	ND	Pass	



Qualifiers:
Date Tested: 08/01/2024 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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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	0.050	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		Paclobotrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	
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	<LOQ	Pass	
Cypermethrin	0.050	1.000	ND	Pass		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	0.460	1.000	<LOQ	Pass	M1
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		Thiadoprid	0.050	0.200	ND	Pass	
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	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 07/31/2024 12:00 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: 08/06/2024
Total Aflatoxins Date Tested: 08/02/2024

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	4.47	Pass	
Total Ochratoxins (A and B)	2.00	20.00	7.01	Pass	



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: 07/31/2024 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	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.400	0.400	0.400	Pass	
Cadmium	<0.400	0.400	0.400	Pass	
Lead	<1.000	1.000	1.000	Pass	
Mercury	ND	0.200	0.200	Pass	

Qualifiers:
Date Tested: 08/02/2024 07:00 am

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Notes from Manufacturer

Potent Planet – Other Information

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Cultivated by: High Desert Healing, LLC (Potent Planet) (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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