

Io Extracts

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


Sample: 2403LVL0399.2213

Secondary License: ; Chain of Distribution:
Strain: Apes in Space; Batch#: GP-0318-AIS; Batch Size: g
Sample Received: 03/19/2024; Report Created: 03/29/2024; Expires: 03/29/2025
Sampling Date: 03/18/2024; Sampling Time: 3:30 pm; Sampling Person: Carmen Hamilton
Harvest Date: 10/22/2023; Manufacturing Date: 03/18/2024

Apes in Space

Concentrates & Extracts, Live Resin, Butane



	72.46%	<LOQ	75.84%
	Total THC	Total CBD	
	77.42 mg/g	Not Tested	Total Cannabinoids
	Total Terpenes	NT Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.666	15.525	155.25	
Δ9-THC	0.666	58.843	588.43	
Δ8-THC	0.666	ND	ND	
THCVa	0.666	ND	ND	
THCV	0.666	ND	ND	
CBDa	0.666	<LOQ	<LOQ	
CBD	0.666	ND	ND	
CBDVa	0.666	ND	ND	Q3
CBDV	0.666	ND	ND	Q3
CBN	0.666	<LOQ	<LOQ	
CBGa	0.666	1.472	14.72	M1
CBG	0.666	<LOQ	<LOQ	
CBCa	0.666	<LOQ	<LOQ	Q3
CBC	0.666	<LOQ	<LOQ	
Total		75.840	758.40	Q3

Qualifiers:
Date Tested: 03/19/2024 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	%		
δ-Limonene	0.75	26.39	2.639	Q3	Citronellol	3.75	ND	ND	Q3
β-Caryophyllene	0.75	24.01	2.401	Q3	Eucalyptol	0.38	ND	ND	Q3
α-Humulene	0.38	6.45	0.645	Q3	Farnesene	0.06	ND	ND	Q3
β-Myrcene	0.38	6.39	0.639	Q3	Fenchone	0.75	<LOQ	<LOQ	Q3
Linalool	0.75	3.04	0.304	Q3	γ-Terpinene	0.38	ND	ND	Q3
α-Pinene	0.38	2.51	0.251	Q3	γ-Terpineol	0.08	ND	ND	Q3
Fenchol	0.38	2.21	0.221	Q3	Geraniol	7.51	<LOQ	<LOQ	Q3
α-Bisabolol	0.38	1.79	0.179	Q3	Geranyl Acetate	0.38	ND	ND	Q3
β-Pinene	0.75	1.41	0.141	Q3	Guaiol	0.38	ND	ND	Q3
α-Terpineol	0.61	1.33	0.133	Q3	Isoborneol	3.75	ND	ND	Q3
cis-Ocimene	0.11	0.79	0.079	Q3	Isopulegol	0.38	ND	ND	Q3
Camphene	0.38	0.67	0.067	Q3	Menthol	0.38	ND	ND	Q3
Caryophyllene	0.38	0.43	0.043	Q3	Nerol	0.38	ND	ND	Q3
Oxide					Pulegone	0.38	ND	ND	Q3
3-Carene	0.75	ND	ND	Q3	p-Cymene	0.38	ND	ND	Q3
α-Cedrene	0.38	ND	ND	Q3	Sabinene	0.38	ND	ND	Q3
α-Phellandrene	0.38	ND	ND	Q3	Sabinene Hydrate	0.38	ND	ND	Q3
α-Terpinene	0.38	ND	ND	Q3	Terpinolene	0.75	<LOQ	<LOQ	Q3
β-Eudesmol	0.38	<LOQ	<LOQ	Q3	trans-Nerolidol	0.38	ND	ND	Q3
Borneol	1.13	<LOQ	<LOQ	Q3	trans-Ocimene	0.25	ND	ND	Q3
Camphor	1.50	ND	ND	Q3	Valencene	0.38	ND	ND	Q3
Cedrol	0.38	ND	ND	Q3					
cis-Nerolidol	0.75	ND	ND	Q3					


Primary Aromas




Lemon




Cinnamon



Hops



Lavender



Pine

77.42 mg/g
Total Terpenes

Qualifiers:
Date Tested: 03/27/2024 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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Apes in Space

Concentrates & Extracts, Live Resin, Butane



Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	369.330	1000.000	ND	Pass	L1 M1
Acetonitrile	150.130	410.000	ND	Pass	L1 M1
Benzene	0.730	2.000	ND	Pass	
Butanes	2457.260	5000.000	ND	Pass	R1
Chloroform	22.120	60.000	ND	Pass	M1
Dichloromethane	224.730	600.000	ND	Pass	M1
Ethanol	1832.410	5000.000	ND	Pass	L1 M1
Ethyl-Acetate	1834.150	5000.000	ND	Pass	M1
Ethyl-Ether	1826.990	5000.000	ND	Pass	
Heptane	1829.650	5000.000	ND	Pass	
Hexanes	105.470	290.000	ND	Pass	
Isopropanol	1823.820	5000.000	ND	Pass	
Isopropyl-Acetate	1827.200	5000.000	ND	Pass	M1
Methanol	1093.460	3000.000	ND	Pass	L1 M1 R1
Pentanes	1839.060	5000.000	ND	Pass	
Toluene	329.080	890.000	ND	Pass	M1
Xylenes	788.470	2170.000	ND	Pass	M1

LEVEL ONE

Qualifiers:
Date Tested: 03/20/2024 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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Apes in Space

Concentrates & Extracts, Live Resin, 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	M2
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	M2
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	M2
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	L1 V1	Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.450	1.000	ND	Pass	M2 R1	Paclobotrazol	0.040	0.400	ND	Pass	M2
Chlorpyrifos	0.050	0.200	ND	Pass		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	M2	Prallethrin	0.040	0.200	ND	Pass	M2
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	0.050	0.200	ND	Pass	M2	Pyrethrins	0.450	1.000	ND	Pass	M1
Dimethoate	0.040	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass	M2	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	M2
Fenoxycarb	0.040	0.200	ND	Pass	M2	Spiroxamine	0.040	0.400	ND	Pass	M2
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	M2
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	M2

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 03/22/2024 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, Live Resin, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 03/22/2024
Total Aflatoxins Date Tested: 03/22/2024

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	4.54	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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Apes in Space

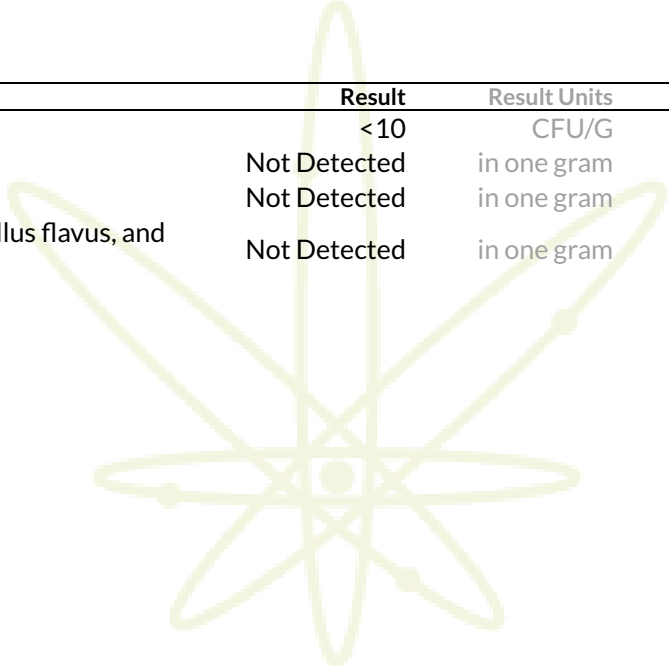
Concentrates & Extracts, Live Resin, Butane



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: 03/22/2024 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.



Certificate of Analysis

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7 of 8

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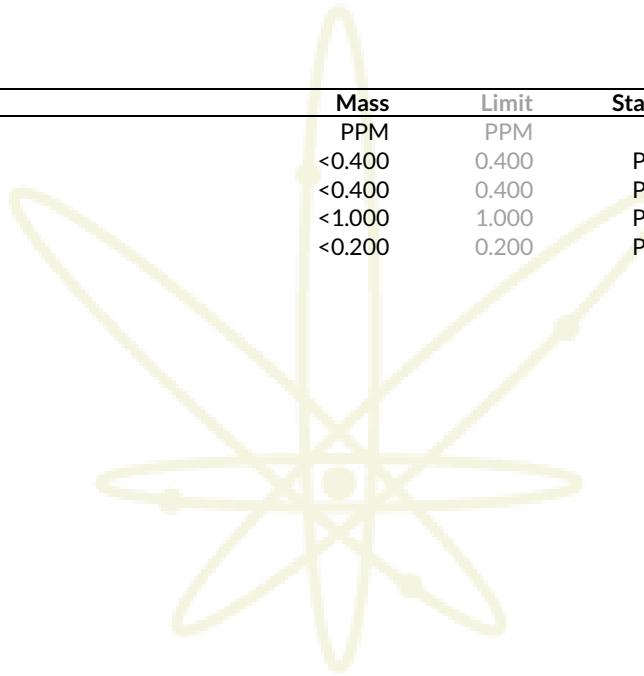
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Heavy Metals

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: 03/21/2024 07:00 am

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

Matthew Schuberth
Laboratory Director

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



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8 of 8

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Notes from Manufacturer

Gas Pump – Other Information

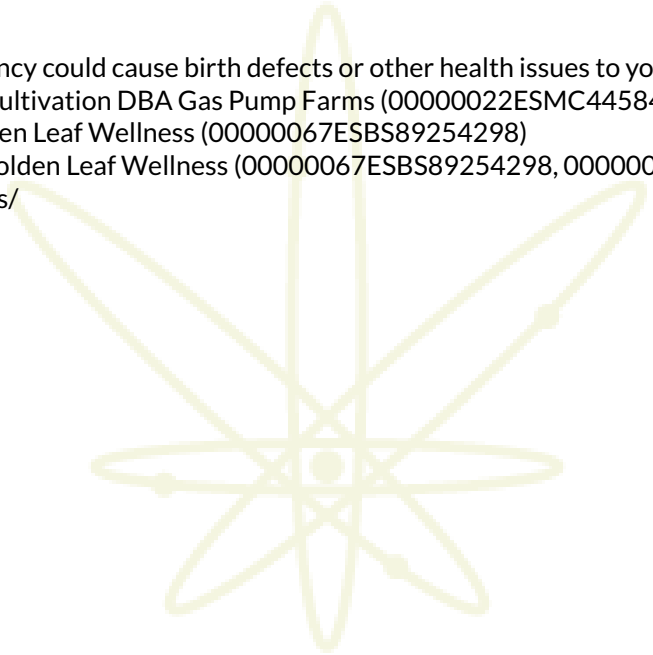
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Border Health Cultivation DBA Gas Pump Farms (00000022ESMC44584355)

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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<http://www.levelonelabs.com>
Lic# 00000004LCIG00024823

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

