

Io Extracts

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

Sample: 2407LVL0901.4661

Secondary License: ; Chain of Distribution:
Strain: Cherry Cosmo; Batch Size: g; External Batch ID: GP-0711-CC
Sample Received: 07/16/2024; Report Created: 07/19/2024; Report Expiration: 07/19/2025
Sampling Date: 07/11/2024; Sampling Time: 2 PM; Sampling Person: Carmen Hamilton
Harvest Date: 01/09/2024; Manufacturing Date: 07/11/2024; External Lot ID: GP-0711-CC

Cherry Cosmo Cured Badder

Concentrates & Extracts, Batter/Badder



83.30% Total THC	ND Total CBD	99.68% Total Cannabinoids
84.99 mg/g Total Terpenes	Not Tested Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	1.84	92.33	923.3	
Δ9-THC	1.84	2.33	23.3	
Δ8-THC	1.84	ND	ND	Q3
THCVa	1.84	<LOQ	<LOQ	Q3
THCV	1.84	ND	ND	Q3
CBDa	1.84	ND	ND	
CBD	1.84	ND	ND	
CBDVa	1.84	ND	ND	Q3
CBDV	1.84	ND	ND	Q3
CBN	1.84	ND	ND	Q3
CBGa	1.84	2.99	29.9	Q3
CBG	1.84	ND	ND	Q3
CBCa	1.84	2.04	20.4	Q3
CBC	1.84	ND	ND	Q3
Total		99.68	996.8	Q3

Qualifiers:
Date Tested: 07/16/2024 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	%		
Farnesene	0.06	34.75	3.475	Q3	cis-Nerolidol	0.71	ND	ND	Q3
β-Caryophyllene	0.71	25.98	2.598	Q3	Citronellol	3.56	ND	ND	Q3
δ-Limonene	0.71	8.99	0.899	Q3	Eucalyptol	0.36	ND	ND	Q3
α-Humulene	0.36	7.19	0.719	Q3	Fenchone	0.71	<LOQ	<LOQ	Q3
β-Myrcene	0.36	2.37	0.237	Q3	γ-Terpinene	0.36	ND	ND	Q3
cis-Ocimene	0.10	1.17	0.117	Q3	γ-Terpineol	0.08	ND	ND	Q3
α-Pinene	0.36	1.12	0.112	Q3	Geraniol	7.11	ND	ND	Q3
α-Bisabolol	0.36	1.01	0.101	Q3	Geranyl Acetate	0.36	ND	ND	Q3
Linalool	0.71	0.87	0.087	Q3	Guaiol	0.36	ND	ND	Q3
Fenchol	0.36	0.80	0.080	Q3	Isoborneol	3.56	ND	ND	Q3
β-Pinene	0.71	0.74	0.074	Q3	Isopulegol	0.36	ND	ND	Q3
3-Carene	0.71	ND	ND	Q3	Menthol	0.36	ND	ND	Q3
α-Cedrene	0.36	ND	ND	Q3	Nerol	0.36	ND	ND	Q3
α-Phellandrene	0.36	ND	ND	Q3	Pulegone	0.36	ND	ND	Q3
α-Terpinene	0.36	ND	ND	Q3	p-Cymene	0.36	ND	ND	Q3
α-Terpineol	0.58	<LOQ	<LOQ	Q3	Sabinene	0.36	ND	ND	Q3
β-Eudesmol	0.36	ND	ND	Q3	Sabinene Hydrate	0.36	ND	ND	Q3
Borneol	1.07	ND	ND	Q3	Terpinolene	0.71	<LOQ	<LOQ	Q3
Camphene	0.36	<LOQ	<LOQ	Q3	trans-Nerolidol	0.36	ND	ND	Q3
Camphor	1.42	ND	ND	Q3	trans-Ocimene	0.23	ND	ND	Q3
Caryophyllene	0.36	ND	ND	Q3	Valencene	0.36	ND	ND	Q3
Oxide									
Cedrol	0.36	ND	ND	Q3					


Primary Aromas




Magnolia




Cinnamon



Lemon



Hops



Earthy

84.99 mg/g
Total Terpenes

Qualifiers:
Date Tested: 07/16/2024 07:00 am

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Concentrates & Extracts, Batter/Badder



Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	360.480	1000.000	ND	Pass	V1
Acetonitrile	146.540	410.000	ND	Pass	
Benzene	0.720	2.000	ND	Pass	
Butanes	2398.400	5000.000	ND	Pass	
Chloroform	21.590	60.000	ND	Pass	
Dichloromethane	219.350	600.000	ND	Pass	
Ethanol	1788.520	5000.000	ND	Pass	
Ethyl-Acetate	1790.220	5000.000	ND	Pass	
Ethyl-Ether	1783.230	5000.000	ND	Pass	
Heptane	1785.830	5000.000	ND	Pass	V1 L1
Hexanes	102.940	290.000	ND	Pass	V1
Isopropanol	1780.140	5000.000	ND	Pass	
Isopropyl-Acetate	1783.430	5000.000	ND	Pass	
Methanol	1067.270	3000.000	ND	Pass	
Pentanes	1795.010	5000.000	ND	Pass	V1
Toluene	321.200	890.000	ND	Pass	
Xylenes	769.580	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 07/18/2024 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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Cherry Cosmo Cured Badder

Concentrates & Extracts, Batter/Badder



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		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		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		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	<LOQ	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	
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	M2
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: 07/17/2024 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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Tim Kustron
Technical Lab Director

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Concentrates & Extracts, Batter/Badder



Mycotoxins

Pass

Total Ochratoxins Date Tested: 07/16/2024
Total Aflatoxins Date Tested: 07/16/2024

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	6.93	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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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: 07/18/2024 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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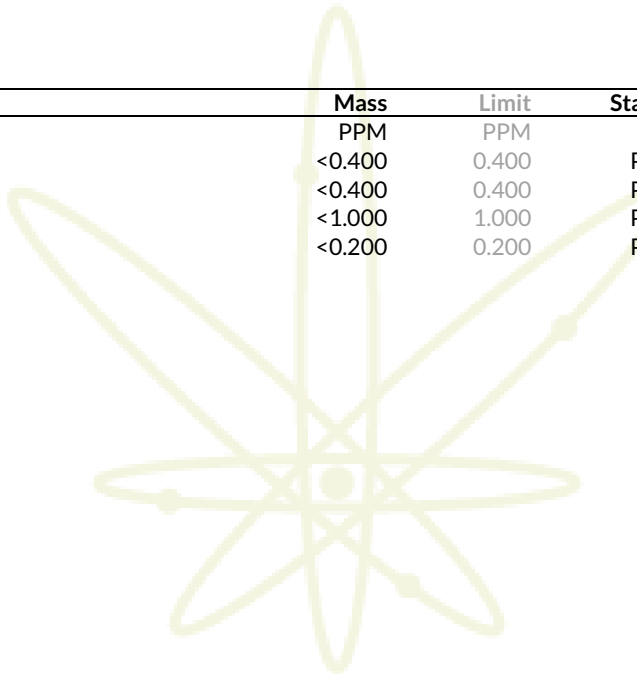
Concentrates & Extracts, Batter/Badder



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: 07/17/2024 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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Concentrates & Extracts, Batter/Badder



Notes from Manufacturer

Gas Pump Farms - Other Information

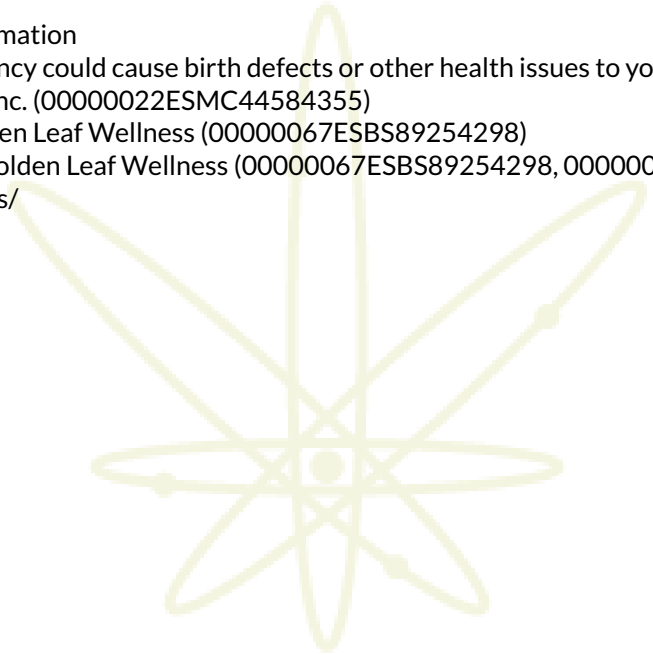
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Border Health, Inc. (00000022ESMC44584355)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



LEVEL ONE LABS



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Concentrates & Extracts, Batter/Badder



IAS Laboratories
2515 East University Drive
Phoenix, Arizona 85034
(602) 273-7248
Fax (602) 275-3836

Work Order: 24G0283

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

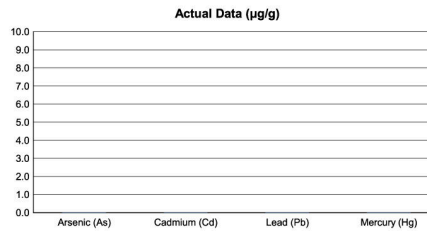
Sample Results
(Continued)

Sample Name: 901.4661
Lab ID: 24G0283-03 (Heavy Metals)
Analyst Initials: GD
Report Expires: August 19, 2024

Sample Image:



	Result	Qual	Units	*ADHS Limit	LOQ
Metals					
Arsenic (As)	<0.002	Pass	ppm	0.4	0.001
Time Analyzed: 7/17/2024 4:16:06PM					
Cadmium (Cd)	<0.002	Pass	ppm	0.4	0.001
Time Analyzed: 7/17/2024 4:16:06PM					
Lead (Pb)	<0.004	Pass	ppm	1.0	0.001
Time Analyzed: 7/17/2024 4:16:06PM					
Mercury (Hg)	<0.005	Pass	ppm	0.2	0.001
Time Analyzed: 7/17/2024 4:16:06PM					



*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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