

**Io Extracts**

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


**Sample: 2409LVL1200.5636**

Secondary License: ; Chain of Distribution:  
Strain: Culiacancito; Batch Size: g; External Batch ID: F-0911-C  
Sample Received: 09/18/2024; Report Created: 09/26/2024; Report Expiration: 09/26/2025  
Sampling Date: 09/11/2024; Sampling Time: 3 PM; Sampling Person: Carmen Hamilton  
Harvest Date: 12/11/2023; Manufacturing Date: 09/11/2024; External Lot ID: F-0911-C  
Date of Pickup: Time Collected:

**Culiacancito Cured Badder**

Concentrates & Extracts, Batter/Badder, Butane



	<b>86.28%</b>	<b>ND</b>	<b>97.81%</b>
	Total THC	Total CBD	
	<b>48.65 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

**Cannabinoids**

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	2.12	93.77	937.7	
Δ9-THC	2.12	4.04	40.4	
Δ8-THC	2.12	ND	ND	Q3
THCVa	2.12	<LOQ	<LOQ	Q3
THCV	2.12	ND	ND	Q3
CBDa	2.12	ND	ND	
CBD	2.12	ND	ND	
CBDVa	2.12	ND	ND	Q3
CBDV	2.12	ND	ND	Q3
CBN	2.12	ND	ND	Q3
CBGa	2.12	<LOQ	<LOQ	Q3
CBG	2.12	ND	ND	Q3
CBCa	2.12	<LOQ	<LOQ	Q3
CBC	2.12	ND	ND	Q3
<b>Total</b>		<b>97.81</b>	<b>978.1</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 09/20/2024 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	0.88	23.82	2.382	Q3	Citronellol	4.41	ND	ND	Q3
α-Humulene	0.44	8.63	0.863	Q3	Eucalyptol	0.44	ND	ND	Q3
δ-Limonene	0.88	3.92	0.392	Q3	Farnesene	0.07	ND	ND	Q3
Linalool	0.88	2.95	0.295	Q3	Fenchone	0.88	ND	ND	Q3
Fenchol	0.44	2.93	0.293	Q3	γ-Terpinene	0.44	ND	ND	Q3
α-Pinene	0.44	2.17	0.217	Q3	γ-Terpineol	0.09	ND	ND	Q3
β-Myrcene	0.44	1.87	0.187	Q3	Geraniol	8.81	ND	ND	Q3
α-Bisabolol	0.44	1.48	0.148	Q3	Geranyl Acetate	0.44	ND	ND	Q3
α-Terpineol	0.72	0.88	0.088	Q3	Guaiol	0.44	ND	ND	Q3
3-Carene	0.88	ND	ND	Q3	Isoborneol	4.41	ND	ND	Q3
α-Cedrene	0.44	ND	ND	Q3	Isopulegol	0.44	ND	ND	Q3
α-Phellandrene	0.44	ND	ND	Q3	Menthol	0.44	ND	ND	Q3
α-Terpinene	0.44	ND	ND	Q3	Nerol	0.44	ND	ND	Q3
β-Eudesmol	0.44	ND	ND	Q3	Pulegone	0.44	ND	ND	Q3
β-Pinene	0.88	<LOQ	<LOQ	Q3	p-Cymene	0.44	ND	ND	Q3
Borneol	1.32	<LOQ	<LOQ	Q3	Sabinene	0.44	ND	ND	Q3
Camphene	0.44	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.44	ND	ND	Q3
Camphor	1.76	ND	ND	Q3	Terpinolene	0.88	<LOQ	<LOQ	Q3
Caryophyllene Oxide	0.44	<LOQ	<LOQ	Q3	trans-Nerolidol	0.44	ND	ND	Q3
Cedrol	0.44	ND	ND	Q3	trans-Ocimene	0.29	ND	ND	Q3
cis-Nerolidol	0.88	ND	ND	Q3	Valencene	0.44	ND	ND	Q3
cis-Ocimene	0.13	ND	ND	Q3					


## Primary Aromas

  
 Cinnamon

  
 Hops

  
 Lemon

  
 Lavender

  
 Basil

**48.65 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 09/20/2024 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. Qualifying code Q3: For informational purposes only.

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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	V1
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	M2
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	R1
Pentanes	1766.800	5000.000	ND	Pass	L1 R1
Toluene	316.150	890.000	ND	Pass	
Xylenes	757.490	2170.000	ND	Pass	

**LEVEL ONE**

Qualifiers:  
Date Tested: 09/19/2024 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.



# Certificate of Analysis

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Concentrates & Extracts, Batter/Badder, 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		Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass	M1	Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass	M1	Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.040	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	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	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	0.040	0.200	ND	Pass	
Cyfluthrin	0.450	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	M1
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass	M1	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	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	L1
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass	M1	Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

## Herbicides

Analyte	LOQ	Limit	Units	Status
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### Qualifiers:

Date Tested: 09/21/2024 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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Laboratory Manager

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## Mycotoxins

Pass

Total Ochratoxins Date Tested: 09/19/2024  
Total Aflatoxins Date Tested: 09/19/2024

Analyte	LOQ	Limit	Result	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	14.50	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: 09/20/2024 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	<0.104	0.104	0.400	Pass	V1
Cadmium	<0.104	0.104	0.400	Pass	V1
Lead	<0.104	0.104	1.000	Pass	V1
Mercury	<0.104	0.104	0.200	Pass	V1

# LEVEL ONE

Qualifiers:  
Date Tested: 09/25/2024 12:00 am

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## Notes from Manufacturer

### Feno - Other Information

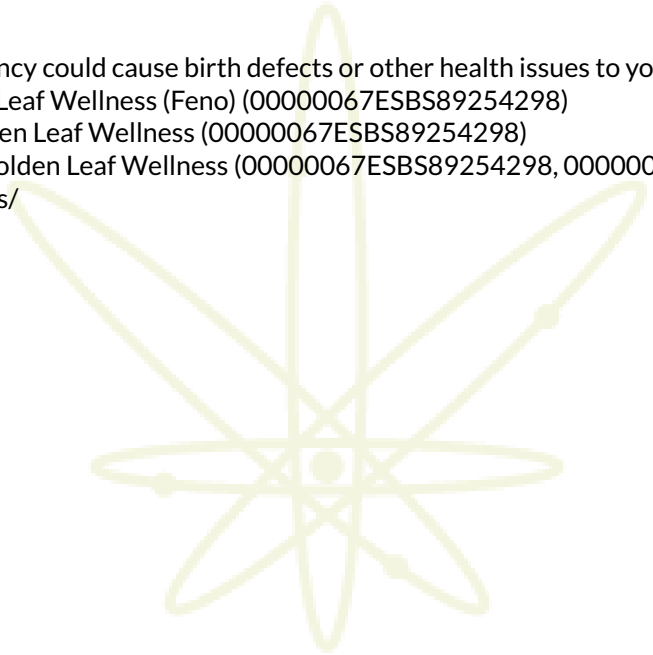
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Cultivated by: Arizona Golden Leaf Wellness (Feno) (00000067ESBS89254298)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



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