

## Io Extracts

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


**Sample: 2404LVL0572.3170**

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, Butane



	<b>75.79%</b>	<b>&lt;LOQ</b>	<b>90.39%</b>
	Total THC	Total CBD	
	<b>26.67 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids
	Total Terpenes	NT Moisture	

## Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.641	83.809	838.09	
Δ9-THC	0.641	2.293	22.93	
Δ8-THC	0.641	ND	ND	
THCVa	0.641	0.673	6.73	
THCV	0.641	ND	ND	M1
CBDa	0.641	<LOQ	<LOQ	
CBD	0.641	ND	ND	
CBDVa	0.641	ND	ND	
CBDV	0.641	ND	ND	
CBN	0.641	ND	ND	
CBGa	0.641	2.319	23.19	
CBG	0.641	<LOQ	<LOQ	
CBCa	0.641	1.300	13.00	Q3
CBC	0.641	ND	ND	
<b>Total</b>		<b>90.394</b>	<b>903.94</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 04/24/2024 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.

## Io Extracts

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

Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

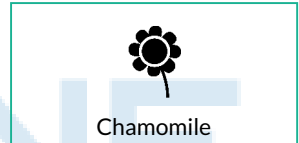
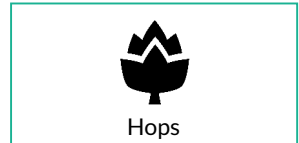
Concentrates & Extracts, Shatter, Butane



## Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
β-Caryophyllene	0.74	7.78	0.778	Q3	cis-Nerolidol	0.74	ND	Q3	
Farnesene	0.06	6.08	0.608	Q3	Citronellol	3.69	ND	Q3	
δ-Limonene	0.74	2.72	0.272	Q3	Eucalyptol	0.37	<LOQ	<LOQ	Q3
α-Humulene	0.37	2.28	0.228	Q3	Fenchone	0.74	<LOQ	<LOQ	Q3
α-Bisabolol	0.37	2.08	0.208	Q3	γ-Terpinene	0.37	ND	ND	Q3
Fenchol	0.37	1.49	0.149	Q3	γ-Terpineol	0.08	ND	ND	Q3
α-Pinene	0.37	1.31	0.131	Q3	Geraniol	7.38	ND	ND	Q3
Linalool	0.74	1.15	0.115	Q3	Geranyl Acetate	0.37	ND	ND	Q3
α-Terpineol	0.60	0.63	0.063	Q3	Guaiol	0.37	ND	ND	Q3
β-Myrcene	0.37	0.51	0.051	Q3	Isoborneol	3.69	ND	ND	Q3
Caryophyllene Oxide	0.37	0.38	0.038	Q3	Isopulegol	0.37	ND	ND	Q3
cis-Ocimene	0.11	0.26	0.026	Q3	Menthol	0.37	ND	ND	Q3
3-Carene	0.74	ND	ND	Q3	Nerol	0.37	ND	ND	Q3
α-Cedrene	0.37	ND	ND	Q3	Pulegone	0.37	ND	ND	Q3
α-Phellandrene	0.37	ND	ND	Q3	p-Cymene	0.37	ND	ND	Q3
α-Terpinene	0.37	ND	ND	Q3	Sabinene	0.37	ND	ND	Q3
β-Eudesmol	0.37	ND	ND	Q3	Sabinene Hydrate	0.37	ND	ND	Q3
β-Pinene	0.74	<LOQ	<LOQ	Q3	Terpinolene	0.74	<LOQ	<LOQ	Q3
Borneol	1.11	<LOQ	<LOQ	Q3	trans-Nerolidol	0.37	ND	ND	Q3
Camphene	0.37	<LOQ	<LOQ	Q3	trans-Ocimene	0.24	ND	ND	Q3
Camphor	1.48	ND	ND	Q3	Valencene	0.37	ND	ND	Q3
Cedrol	0.37	ND	ND	Q3					

## Primary Aromas



**26.67 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 04/25/2024 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.

## Io Extracts

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

Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, Butane



## Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	362.650	1000.000	ND	Pass	
Acetonitrile	147.420	410.000	ND	Pass	
Benzene	0.720	2.000	ND	Pass	
Butanes	2412.850	5000.000	ND	Pass	
Chloroform	21.720	60.000	ND	Pass	
Dichloromethane	220.670	600.000	ND	Pass	
Ethanol	1799.300	5000.000	ND	Pass	
Ethyl-Acetate	1801.000	5000.000	ND	Pass	
Ethyl-Ether	1793.980	5000.000	ND	Pass	
Heptane	1796.590	5000.000	ND	Pass	
Hexanes	103.560	290.000	ND	Pass	
Isopropanol	1790.860	5000.000	ND	Pass	
Isopropyl-Acetate	1794.180	5000.000	ND	Pass	
Methanol	1073.690	3000.000	ND	Pass	
Pentanes	1805.820	5000.000	ND	Pass	
Toluene	323.130	890.000	ND	Pass	
Xylenes	774.220	2170.000	ND	Pass	

# LEVEL ONE

Qualifiers:  
Date Tested: 04/23/2024 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

Powered by Confident LIMS  
4 of 8

## Io Extracts

3000 E Valencia Rd Suite 160  
Tucson, AZ 85706  
linda@ioextracts.com  
(520) 409-1482  
Lic. #0000077DCPS00216601

## Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, 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	0.050	0.200	ND	Pass	
Acetamiprid	0.040	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	0.040	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	0.050	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	0.566	Pass	
Cypermethrin	0.050	1.000	ND	Pass	M2	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	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.050	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		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	
Flonicamid	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
---------	-----	-------	-------	--------

### Qualifiers:

Date Tested: 04/25/2024 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.



1525 N Granite Reef Rd  
Scottsdale, AZ  
(480) 867-1520  
http://www.levelonelabs.com  
Lic# 0000004LCIG00024823

Matthew Schubert  
Laboratory Manager

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



## Io Extracts

3000 E Valencia Rd Suite 160  
Tucson, AZ 85706  
linda@ioextracts.com  
(520) 409-1482  
Lic. #0000077DCPS00216601

Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, Butane



## Mycotoxins

Pass

Total Ochratoxins Date Tested: 04/23/2024  
Total Aflatoxins Date Tested: 04/23/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	<LOQ	Pass	
Total Ochratoxins (A and B)	2.00	20.00	5.19	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.



# Certificate of Analysis

Powered by Confident LIMS  
6 of 8

## Io Extracts

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

## Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, 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	

Qualifiers:  
Date Tested: 04/25/2024 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.



1525 N Granite Reef Rd  
Scottsdale, AZ  
(480) 867-1520  
<http://www.levelonelabs.com>  
Lic# 0000004LCIG00024823

Matthew Schuberth  
Laboratory Manager

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



This product has been tested by Level One Labs, LLC using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Level One Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Level One Labs. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.



# Certificate of Analysis

Powered by Confident LIMS  
7 of 8

## Io Extracts

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

## Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

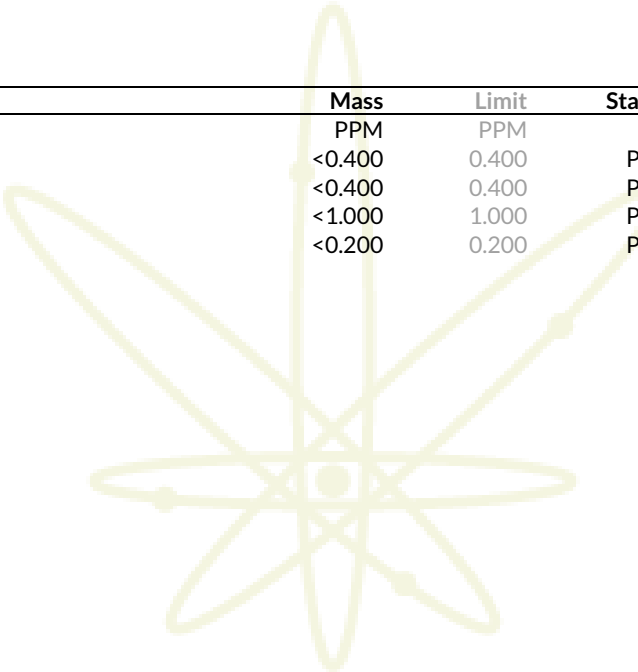
Concentrates & Extracts, Shatter, Butane



## Heavy Metals

### Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	L1
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



# LEVEL ONE

Qualifiers:  
Date Tested: 04/25/2024 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



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

Matthew Schubert  
Laboratory Manager

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



This product has been tested by Level One Labs, LLC using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Level One Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Level One Labs. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.



# Certificate of Analysis

Powered by Confident LIMS  
8 of 8

## Io Extracts

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

Sample: 2404LVL0572.3170

Secondary License: ; Chain of Distribution:  
Strain: Mac 1; Batch Size: g; External Batch ID: G-0422-S-M1  
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025  
Sampling Date: 04/22/2024; Sampling Time: 10:30 AM; Sampling Person: Carmen Hamilton  
Harvest Date: 01/23/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-M1

## Mac 1 Shatter

Concentrates & Extracts, Shatter, Butane



## Notes from Manufacturer

### Genesis - Other Information

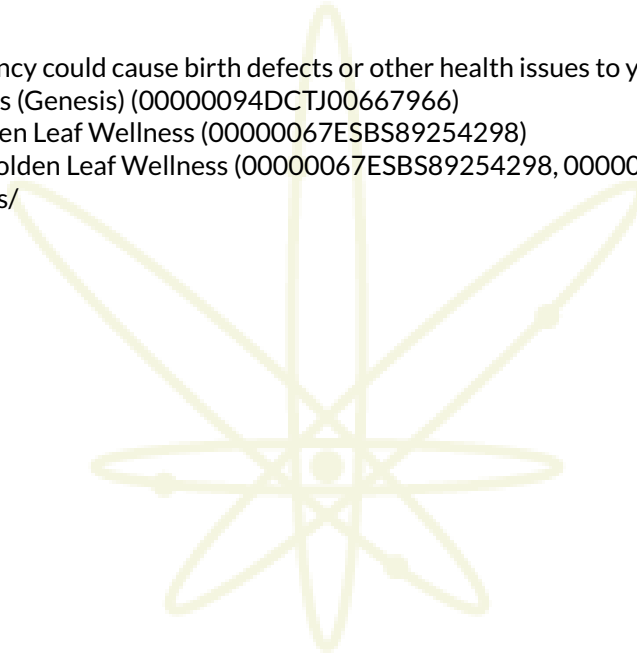
Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Soothing Options (Genesis) (00000094DCTJ00667966)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



# LEVEL ONE LABS



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

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



This product has been tested by Level One Labs, LLC using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Level One Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Level One Labs. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.