

Io Extracts

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(520) 409-1482
Lic. #00000077DCPS00216601

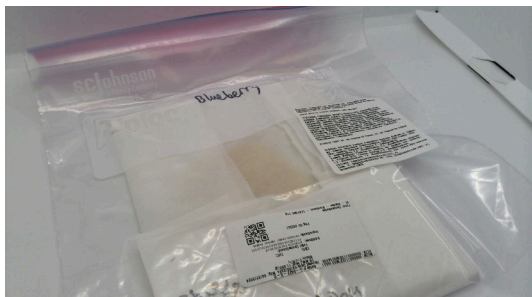
Sample: 2404LVL0572.3169

Secondary License: ; Chain of Distribution:
Strain: Blueberry; Batch Size: g; External Batch ID: G-0422-S-B
Sample Received: 04/23/2024; Report Created: 04/29/2024; Report Expiration: 04/29/2025
Sampling Date: 04/22/2024; Sampling Time: 10 AM; Sampling Person: Carmen Hamilton
Harvest Date: 02/06/2024; Manufacturing Date: 04/22/2024; External Lot ID: G-0422-S-B

Blueberry Shatter

Concentrates & Extracts, Shatter, Butane



	75.64%	<LOQ	90.48%
	Total THC	Total CBD	
	23.69 mg/g	Not Tested	Total Cannabinoids
	Total Terpenes	NT Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.610	83.430	834.30	
Δ9-THC	0.610	2.469	24.69	
Δ8-THC	0.610	ND	ND	
THCVa	0.610	<LOQ	<LOQ	
THCV	0.610	ND	ND	M1
CBDa	0.610	<LOQ	<LOQ	
CBD	0.610	ND	ND	
CBDVa	0.610	ND	ND	
CBDV	0.610	ND	ND	
CBN	0.610	ND	ND	
CBGa	0.610	3.300	33.00	
CBG	0.610	ND	ND	
CBCa	0.610	1.276	12.76	Q3
CBC	0.610	ND	ND	
Total		90.476	904.76	Q3

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.

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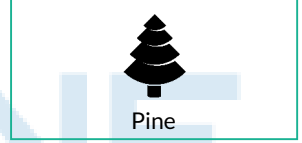
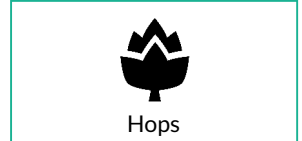
Concentrates & Extracts, Shatter, Butane



Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier	
	mg/g	mg/g	%		mg/g	mg/g	%	
β-Caryophyllene	0.72	9.40	0.940	Q3	Citronellol	3.59	ND	Q3
Farnesene	0.06	5.57	0.557	Q3	Eucalyptol	0.36	ND	Q3
α-Humulene	0.36	2.74	0.274	Q3	Fenchone	0.72	<LOQ	Q3
δ-Limonene	0.72	2.20	0.220	Q3	γ-Terpinene	0.36	ND	Q3
α-Pinene	0.36	2.04	0.204	Q3	γ-Terpineol	0.08	ND	Q3
β-Myrcene	0.36	0.99	0.099	Q3	Geraniol	7.18	ND	Q3
Fenchol	0.36	0.45	0.045	Q3	Geranyl Acetate	0.36	ND	Q3
cis-Ocimene	0.10	0.30	0.030	Q3	Guaiol	0.36	ND	Q3
3-Carene	0.72	ND	ND	Q3	Isoborneol	3.59	ND	Q3
α-Bisabolol	0.36	<LOQ	<LOQ	Q3	Isopulegol	0.36	ND	Q3
α-Cedrene	0.36	ND	ND	Q3	Linalool	0.72	<LOQ	Q3
α-Phellandrene	0.36	ND	ND	Q3	Menthol	0.36	ND	Q3
α-Terpinene	0.36	ND	ND	Q3	Nerol	0.36	ND	Q3
α-Terpineol	0.59	<LOQ	<LOQ	Q3	Pulegone	0.36	ND	Q3
β-Eudesmol	0.36	ND	ND	Q3	p-Cymene	0.36	ND	Q3
β-Pinene	0.72	<LOQ	<LOQ	Q3	Sabinene	0.36	ND	Q3
Borneol	1.08	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.36	ND	Q3
Camphene	0.36	<LOQ	<LOQ	Q3	Terpinolene	0.72	<LOQ	Q3
Camphor	1.44	ND	ND	Q3	trans-Nerolidol	0.36	ND	Q3
Caryophyllene Oxide	0.36	<LOQ	<LOQ	Q3	trans-Ocimene	0.24	ND	Q3
Cedrol	0.36	ND	ND	Q3	Valencene	0.36	ND	Q3
cis-Nerolidol	0.72	ND	ND	Q3				

Primary Aromas



23.69 mg/g
Total Terpenes

Qualifiers:
Date Tested: 04/25/2024 12:00 am

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Blueberry Shatter

Concentrates & Extracts, Shatter, Butane



Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	364.850	1000.000	ND	Pass	
Acetonitrile	148.310	410.000	ND	Pass	
Benzene	0.730	2.000	ND	Pass	
Butanes	2427.470	5000.000	ND	Pass	
Chloroform	21.850	60.000	ND	Pass	
Dichloromethane	222.010	600.000	ND	Pass	
Ethanol	1810.200	5000.000	ND	Pass	
Ethyl-Acetate	1811.920	5000.000	ND	Pass	
Ethyl-Ether	1804.850	5000.000	ND	Pass	
Heptane	1807.470	5000.000	ND	Pass	
Hexanes	104.190	290.000	ND	Pass	
Isopropanol	1801.720	5000.000	ND	Pass	
Isopropyl-Acetate	1805.050	5000.000	ND	Pass	
Methanol	1080.200	3000.000	ND	Pass	
Pentanes	1816.770	5000.000	ND	Pass	
Toluene	325.090	890.000	ND	Pass	
Xylenes	778.910	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.



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Blueberry 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	0.040	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	0.040	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	0.040	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	0.430	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	0.430	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	0.305	Pass	
Cypermethrin	0.040	1.000	ND	Pass	M2	Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.430	1.000	ND	Pass		Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.040	0.200	ND	Pass	
Diazinon	0.040	0.200	ND	Pass		Pyrethrins	0.430	1.000	ND	Pass	
Dimethoate	0.040	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.040	0.200	ND	Pass	
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	
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	
Fonicamid	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: 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.



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Blueberry 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	6.13	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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Blueberry Shatter

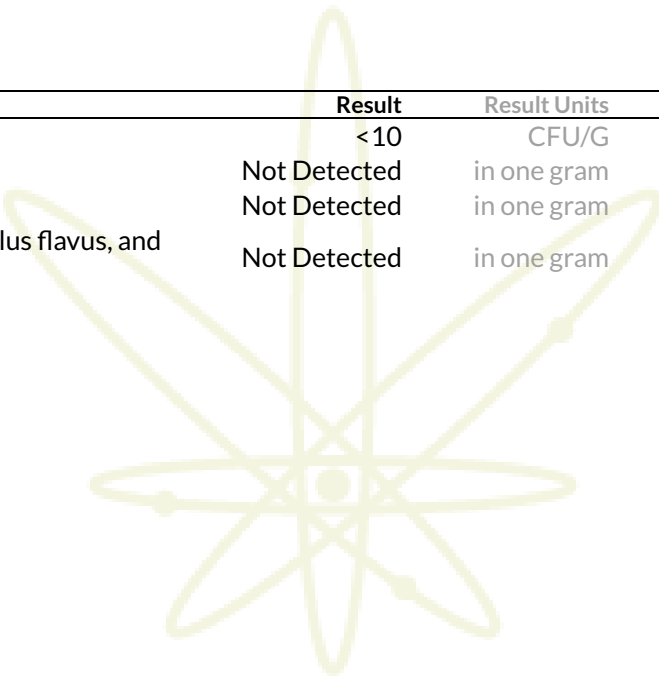
Concentrates & Extracts, Shatter, Butane



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	



LEVEL ONE

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.



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Heavy Metals

Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	M1
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	M2

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Date Tested: 04/25/2024 07:00 am

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Notes from Manufacturer

Genesis - Other Information

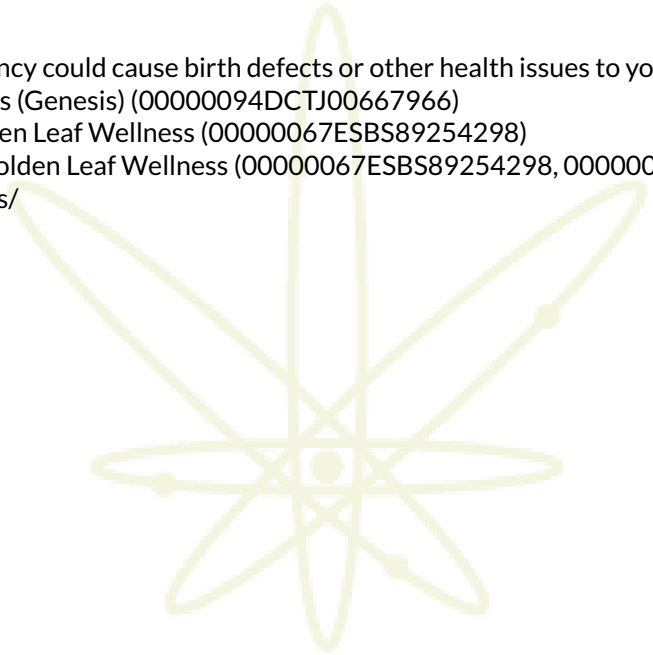
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Cultivated by: Soothing Options (Genesis) (00000094DCTJ00667966)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

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

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



LEVEL ONE LABS



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