Pesticides

Heavy Metals

Pineapple Cake Shatter

Sample ID: 2511APO5188.25989 Strain: Pineapple Cake

Matrix: Concentrates & Extracts

Type: Shatter

Source Batch #: 20250606R5BPAC; 20250617R3PAC

Collected: 11/19/2025 08:47 am Received: 11/19/2025

Completed: 11/24/2025 Batch #: F-1117-S-PNCK

Harvest Date: 06/17/2025

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane



Summary Test Date Tested Result Batch Pass Cannabinoids 11/20/2025 Complete Terpenes 11/20/2025 Complete Residual Solvents 11/20/2025 **Pass** Microbials 11/24/2025 **Pass** 11/20/2025 Mycotoxins Pass

11/20/2025

11/19/2025

Cannabinoids by SOP-6

Complete

Pass

Pass

79.2158%

Total THC

0.1664%

Total CBD

92.5668 %

Total Cannabinoids (Q3)

2.2675%

(Q3) **Total Terpenes**

Analyte	LOD	LOQ	Result	Result	
	%	%	%	mg/g	
THCa		0.1000	88.1703	881.703	
Δ9-THC		0.1000	1.8906	18.906	
Δ8-ΤΗС		0.1000	ND	ND	
THCV		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDa		0.1000	0.1898	1.898	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	2.3163	23.163	
CBG		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC		0.1000	ND	ND	
Total THC			79.2158	792.1587	
Total CBD			0.1664	1.6643	
Total			92.5668	925.6686	

Date Tested: 11/20/2025 07:00 am



thethams Setter Anthony Settanni

Lab Director 11/24/2025

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Pineapple Cake Shatter

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Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	lmazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox Etoxazole	0.2000	0.4000	ND ND		Pass	Spinosad	0.1000	0.2000	ND		Pass Pass
		0.2000	–		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND ND		Pass Pass	Spirotetramat Spiroxamine	0.1000	0.2000	ND ND		Pass
Fenpyroximate	0.2000	0.4000	ND ND		Pass	Tebuconazole	0.2000	0.4000	ND ND		Pass
Fipronil Flonicamid	0.2000	1.0000	ND		Pass	Thiacloprid	0.2000	0.2000	ND ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiaciophid	0.1000	0.2000	ND		Pass
i iuuioxoilli	0.2000	0.4000	ND		r'd55	Trifloxystrobin	0.1000	0.2000	ND ND		Pass
						II IIIOXYSLI ODIII	0.1000	0.2000	ND		Fa55

Date Tested: 11/20/2025 07:00 am



Arthung Setter Anthony Settanni Lab Director

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Pineapple Cake Shatter

Sample ID: 2511APO5188.25989 Strain: Pineapple Cake

Matrix: Concentrates & Extracts Type: Shatter

Source Batch #: 20250606R5BPAC; 20250617R3PAC

Collected: 11/19/2025 08:47 am Received: 11/19/2025

Completed: 11/24/2025 Batch #: F-1117-S-PNCK Harvest Date: 06/17/2025 Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Microbials **Pass**

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 11/24/2025 12:00 am

Mycotoxins by SOP-22

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	μg/kg	µg/kg	μg/kg	μg/kg		
B1	5	10	20	ND	Pass	
B2	5	10	20	ND	Pass	
G1	5	10	20	ND	Pass	
G2	5	10	20	ND	Pass	
Total Aflatoxins	5	10	20	ND	Pass	
Ochratoxin A	5	10	20	ND	Pass	

Date Tested: 11/20/2025 07:00 am

Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

Date Tested: 11/19/2025 07:00 am



Arthung Setter Anthony Settanni Lab Director 11/24/2025

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Pineapple Cake Shatter

Sample ID: 2511APO5188.25989 Strain: Pineapple Cake

Matrix: Concentrates & Extracts

Type: Shatter Source Batch #: 20250606R5BPAC; 20250617R3PAC

Collected: 11/19/2025 08:47 am

Received: 11/19/2025 Completed: 11/24/2025 Batch #: F-1117-S-PNCK

Harvest Date: 06/17/2025

Client

Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Residual Solvents by SOP-3

Analyte	LOQ	Limit	Result	Status	Q
•	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	R1
Acetonitrile	154.0000	410.0000	ND	Pass	R1
Benzene	1.0000	2.0000	ND	Pass	R1
Butanes	1914.0000	5000.0000	ND	Pass	R1
Chloroform	24.0000	60.0000	ND	Pass	R1
Dichloromethane	231.0000	600.0000	ND	Pass	R1
Ethanol	1910.0000	5000.0000	ND	Pass	R1
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	R1
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	R1
n-Heptane	1892.0000	5000.0000	ND	Pass	R1
Hexanes	115.0000	290.0000	ND	Pass	R1
Isopropanol	1915.0000	5000.0000	ND	Pass	R1
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	R1
Methanol	1141.0000	3000.0000	ND	Pass	R1
Pentane	1923.0000	5000.0000	ND	Pass	R1
Toluene	343.0000	890.0000	ND	Pass	R1
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	R1

Date Tested: 11/20/2025 07:00 am



Arthony Sextre Anthony Settanni Lab Director

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Pineapple Cake Shatter

Sample ID: 2511APO5188.25989

Strain: Pineapple Cake

Matrix: Concentrates & Extracts Type: Shatter

Source Batch #: 20250606R5BPAC; 20250617R3PAC

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Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Terpenes

Analyte	LOQ	Result	Result	Q	Analyte	LOQ	Result	Result	Q	
	%	%	mg/g			%	%	mg/g		
α-Humulene	0.0010	0.7706	7.706	Q3	Eucalyptol	0.0010	ND	ND	Q3	
D,L-Limonene	0.0010	0.3587	3.587	Q3	Fenchone	0.0010	ND	ND	Q3	
β-Myrcene	0.0010	0.3149	3.149	Q3	y-Terpinene	0.0010	ND	ND	Q3	
β-Caryophyllene	0.0010	0.1797	1.797	Q3	Geraniol	0.0010	ND	ND	Q3	
β-Pinene	0.0010	0.1627	1.627	Q3	Geranyl Acetate	0.0010	ND	ND	Q3	
α-Pinene	0.0010	0.1273	1.273	Q3	Guaiol	0.0010	ND	ND	Q3	
Linalool	0.0010	0.1204	1.204	Q3	Isoborneol	0.0010	ND	ND	Q3	
Endo-Fenchyl Alcohol	0.0010	0.1080	1.080	Q3	Isobornyl Acetate	0.0010	ND	ND	Q3	
Caryophyllene Oxide	0.0010	0.0354	0.354	Q3	Isopulegol	0.0010	ND	ND	Q3	
Camphene	0.0010	0.0295	0.295	Q3	m-Cymene	0.0010	ND	ND	Q3	
trans-beta-Ocimene	0.0010	0.0251	0.251	Q3	Menthol	0.0010	ND	ND	Q3	
Terpinolene	0.0010	0.0179	0.179	Q3	L-Menthone	0.0010	ND	ND	Q3	
α-Terpineol	0.0010	0.0172	0.172	Q3	Nerol	0.0010	ND	ND	Q3	
3-Carene	0.0010	ND	ND	Q3	Nootkatone	0.0010	ND	ND	Q3	
α-Bisabolol	0.0010	ND	ND	Q3	o,p-Cymene	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	Octyl Acetate	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	Piperitone	0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	Pulegone	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	Sabinene	0.0010	ND	ND	Q3	
D,L-Borneol	0.0010	ND	ND	Q3	Sabinene Hydrate	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	Terpinen-4-ol	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	Thymol	0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	trans-Citral	0.0010	ND	ND	Q3	
cis-Farnesol	0.0010	ND	ND	Q3	trans-Nerolidol	0.0010	ND	ND	Q3	
cis-Nerolidol	0.0010	ND	ND	Q3	Valencene	0.0010	ND	ND	Q3	
Citronellol	0.0010	ND	ND	Q3	Total		2.2675	22.675		

Primary Aromas

















Date Tested: 11/20/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



thethomy Section Anthony Settanni

Lab Director 11/24/2025

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Pineapple Cake Shatter

Sample ID: 2511APO5188.25989 Strain: Pineapple Cake Matrix: Concentrates & Extracts

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Io Extracts

Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Qualifiers Definitions

Qualifier Notation	Qualifier Description
D1	The limit of quantitation and the sample results were adjusted to reflect sample dilution
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection $(K)(2)(c)$, but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$, but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q1	Sample integrity was not maintained - Q1
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

Notes and Addenda:





Bryant Kearl Chief Scientific Officer 11/24/2025

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Client

Io Extracts

7 of 7

Pineapple Cake Shatter

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Lic. # 00000067ESBS89254298

Lot #: F-1117-S-PNCK

Production/Manufacture Date: 11/17/2025 Production/Manufacture Method: Butane

Customer Supplied Information:

Feno - Other Information

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child. Cultivated by: Arizona Golden Leaf Wellness (Feno) (00000067ESBS89254298)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS00216601)

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





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11/24/2025 ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:
Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child;
KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

Chief Scientific Officer