

## PIHO231120

Sample ID: 2402APO0617.2941  
Strain: Pie Hoe  
Matrix: Plant  
Type: Flower - Cured  
Source Batch #:

Produced:  
Collected: 02/12/2024 07:31 am  
Received: 02/12/2024  
Completed: 03/04/2024  
Batch #: PIHO231120  
Harvest Date:

Client  
**Project Packs**  
Lic. # 00000084ESFH12297246

Lot #: PIHO231120R18  
Production Date: 02/05/2024  
Production Method:

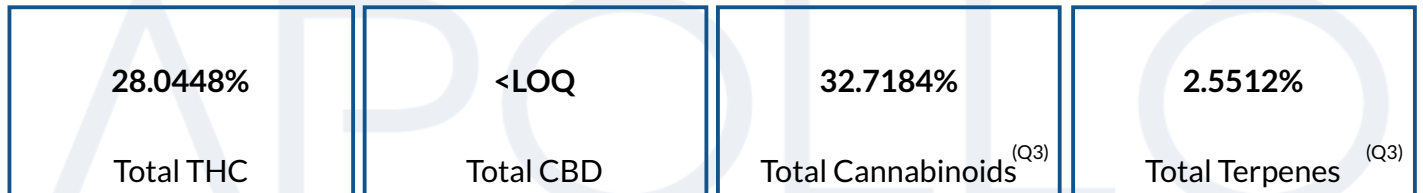


### Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	02/13/2024	Complete
Terpenes	02/15/2024	Complete
Microbials	02/14/2024	Pass
Pesticides	02/12/2024	Pass
Heavy Metals	02/12/2024	Pass

### Cannabinoids

Complete



Analyte	LOD	LOQ	Result	Result	Q
	%	%	%	mg/g	
THCa		0.1000	31.3022	313.022	
Δ9-THC		0.1000	0.5928	5.928	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	ND	ND	
CBDa		0.1000	<LOQ	<LOQ	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	0.7211	7.211	
CBG		0.1000	0.1023	1.023	
CBC		0.1000	ND	ND	
<b>Total THC</b>			<b>28.0448</b>	<b>280.4480</b>	
<b>Total CBD</b>			<b>&lt;LOQ</b>	<b>&lt;LOQ</b>	
<b>Total</b>			<b>32.7184</b>	<b>327.184</b>	

Date Tested: 02/13/2024 07:00 am



Bryant Kearl  
Lab Director  
03/04/2024

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### Pesticides

Pass

Analyte	LOQ	Limit	Mass	Q	Status	Analyte	LOQ	Limit	Mass	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND	M1	Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	Imazalil	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	M1	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	Pacllobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND	M2	Pass	Permethrins	0.1000	0.2000	ND	M2	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			ND		Pass
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	M2	Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND	M2	Pass	Spinosad	0.1000	0.2000	ND	M1	Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.2000	0.4000	ND	M1	Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass	Thiacloprid	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND	M2	Pass

Date Tested: 02/12/2024 07:00 am



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Lab Director  
03/04/2024

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### Microbials

Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger	Detected/Not Detected in 1g	ND	Pass	
Aspergillus terreus	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
E. Coli	CFU/g 10.0	CFU/g 100.0	CFU/g < 10 CFU/g	Pass	

Date Tested: 02/14/2024 12:00 am

### Mycotoxins

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
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Date Tested:

### Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
Arsenic	PPM 0.0660	PPM 0.1330	PPM 0.4000	PPM ND	Pass	
Cadmium	0.0660	0.1330	0.4000	ND	Pass	
Lead	0.1660	0.3330	1.0000	ND	Pass	
Mercury	0.0330	0.0660	0.2000	ND	Pass	

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## Terpenes

Analyte	LOQ	Mass	Mass	Q	Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g			%	%	mg/g	
β-Myrcene	0.0010	0.9871	9.871	Q3	Carvacrol	0.0010	ND	ND	Q3
D,L-Limonene	0.0010	0.5495	5.495	Q3	Carvone	0.0010	ND	ND	Q3
β-Caryophyllene	0.0010	0.4865	4.865	Q3	cis-Citral	0.0010	ND	ND	Q3
α-Humulene	0.0010	0.1088	1.088	Q3	cis-Farnesol	0.0010	ND	ND	Q3
Linalool	0.0010	0.1027	1.027	Q3	cis-Nerolidol	0.0010	ND	ND	Q3
β-Pinene	0.0010	0.0854	0.854	Q3	Eucalyptol	0.0010	ND	ND	Q3
Endo-Fenchyl Alcohol	0.0010	0.0453	0.453	Q3	γ-Terpinene	0.0010	ND	ND	Q3
α-Pinene	0.0010	0.0422	0.422	Q3	Geranyl Acetate	0.0010	ND	ND	Q3
α-Terpineol	0.0010	0.0385	0.385	Q3	Guaiol	0.0010	ND	ND	Q3
α-Bisabolol	0.0010	0.0352	0.352	Q3	Isoborneol	0.0010	ND	ND	Q3
trans-Nerolidol	0.0010	0.0170	0.170	Q3	Isobornyl Acetate	0.0010	ND	ND	Q3
Camphene	0.0010	0.0125	0.125	Q3	Isopulegol	0.0010	ND	ND	Q3
Valencene	0.0010	0.0080	0.080	Q3	m-Cymene	0.0010	ND	ND	Q3
Geraniol	0.0010	0.0066	0.066	Q3	Menthol	0.0010	ND	ND	Q3
Terpinolene	0.0010	0.0056	0.056	Q3	L-Menthone	0.0010	ND	ND	Q3
Camphor	0.0010	0.0054	0.054	Q3	Nerol	0.0010	ND	ND	Q3
Caryophyllene Oxide	0.0010	0.0042	0.042	Q3	Nootkatone	0.0010	ND	ND	Q3
Citronellol	0.0010	0.0041	0.041	Q3	o,p-Cymene	0.0010	ND	ND	Q3
Fenchone	0.0010	0.0022	0.022	Q3	Octyl Acetate	0.0010	ND	ND	Q3
Cedrol	0.0010	0.0016	0.016	Q3	Phytane	0.0010	ND	ND	Q3
cis-beta-Ocimene	0.0010	0.0013	0.013	Q3	Piperitone	0.0010	ND	ND	Q3
Sabinene Hydrate	0.0010	0.0013	0.013	Q3	Pulegone	0.0010	ND	ND	Q3
3-Carene	0.0010	ND	ND	Q3	Sabinene	0.0010	ND	ND	Q3
α-Cedrene	0.0010	ND	ND	Q3	Safranal	0.0010	ND	ND	Q3
α-Phellandrene	0.0010	ND	ND	Q3	Terpinen-4-ol	0.0010	<LOQ	<LOQ	Q3
α-Terpinene	0.0010	ND	ND	Q3	Thymol	0.0010	ND	ND	Q3
α-Thujone	0.0010	ND	ND	Q3	trans-Citral	0.0010	ND	ND	Q3
trans-β-Farnesene	0.0010	ND	ND	Q3	trans-beta-Ocimene	0.0010	ND	ND	Q3
D,L-Borneol	0.0010	ND	ND	Q3	Verbenone	0.0010	ND	ND	Q3
						<b>Total</b>	<b>2.5512</b>	<b>25.512</b>	

## Primary Aromas



Date Tested: 02/15/2024 12:00 am  
Terpenes analysis is not regulated by AZDHS.



Bryant Kearl  
Lab Director  
03/04/2024

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**Qualifiers Definitions**

Qualifier Notation	Qualifier Description
I1	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
M3	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
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:**



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03/04/2024

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**Apollo Labs**



**Change Request Form**

Client information

Person(s) requesting change:	Michael Garber
FA/LA# of person(s) requesting change:	1698881FABD292687102
Organization Name/License #:	Project Packs Co / 00000084ESFH12297246
Date update requested:	3/4/2024
Initials of Requesting Individual:	MG

By signing this Change Request Form submitter understands Apollo Labs is not responsible for any compliance related matter caused by the change and that submitter's internal compliance professionals previously determined the change complies with applicable rules and regulations of the Arizona Department of Health Services.

FOR INTERNAL LABORATORY TRACKING USE ONLY

Internal Tracking ID:	03042024-007
Individual(s) Performing CoA/Testing Request Update:	Darby Deak
Date(s) of change:	3/4/2024
Change tracking information updated:	Yes
Additional Notes:	

Change Index	Accession Number/Confident Cannabis ID	Field to be Changed	Original Value	Updated Value	Reason for Change
1	2402APO0617.2941	Sample Name	GRCC231120	PIHO231120	Data Entry Error
2	2402APO0617.2941	Strain Name	Grape Cream Cake	Pie Hoe	Data Entry Error
3	2402APO0617.2941	External Batch ID	GRCC231120	PIHO231120	Data Entry Error
4	2402APO0617.2941	External Lot ID	GRCC231120R18	PIHO231120R18	Data Entry Error



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