

Certificate of Analysis

Powered by Confident LIMS

1 of 8

Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

Sample: 2512LVL1020.5606

Secondary License: ; Chain of Distribution:

Strain: Permanent Marker BX1; Batch Size: g; External Batch ID: PBX1I250919

Sample Received: 12/12/2025; Report Completed: 12/29/2025; Report Expiration: 12/29/2026

Sampling Date: 12/12/2025; Sampling Time: 11:38; Sampling Person: Korey Finley

Harvest Date: 12/01/2025; Manufacturing Date: 12/12/2025; External Lot ID:

Date of Pickup: 12/12/2025 Time Collected: 12:55

PBX1I250919

Concentrates & Extracts, Infused/Enhanced Preroll


45.81%

Total THC

ND

Total CBD

28.97 mg/g

 Total Terpenes
(Q3)

52.08%
Complete

 NR
Moisture (Q3)

Total Cannabinoids (Q3)
Cannabinoids
Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.41	50.99	509.9	
Δ9-THC	0.41	1.09	10.9	
Δ8-THC	0.41	ND	ND	Q3
THCVA	0.41	<LOQ	<LOQ	Q3
THCV	0.41	ND	ND	Q3
CBDa	0.41	ND	ND	
CBD	0.41	ND	ND	
CBDVA	0.41	ND	ND	Q3
CBDV	0.41	ND	ND	Q3
CBN	0.41	ND	ND	Q3
CBGA	0.41	<LOQ	<LOQ	Q3
CBG	0.41	ND	ND	Q3
CBCA	0.41	<LOQ	<LOQ	Q3
CBC	0.41	ND	ND	Q3
Total		52.08	520.8	Q3

 Qualifiers:
 Date Tested: 12/15/2025 12:00 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, Infused/Enhanced Preroll


Terpenes

Analyte	LOQ	Result	Result Qualifier	Analyte	LOQ	Result	Result Qualifier
	mg/g	mg/g	%		mg/g	mg/g	%
δ-Limonene	0.18	9.32	0.932	Q3	Citronellol	0.92	<LOQ
β-Caryophyllene	0.18	8.93	0.893	Q3	Eucalyptol	0.09	ND
Linalool	0.18	2.56	0.256	Q3	Farnesene	0.02	ND
α-Humulene	0.09	1.99	0.199	Q3	Fenchone	0.18	ND
α-Pinene	0.09	1.54	0.154	Q3	γ-Terpinene	0.09	ND
cis-Ocimene	0.03	1.51	0.151	Q3	γ-Terpineol	0.02	ND
Fenchol	0.09	1.29	0.129	Q3	Geraniol	1.84	ND
α-Terpineol	0.15	0.76	0.076	Q3	Geranyl Acetate	0.09	ND
β-Pinene	0.18	0.74	0.074	Q3	Guaiol	0.09	ND
α-Bisabolol	0.09	0.23	0.023	Q3	Isoborneol	0.92	ND
Camphene	0.09	0.10	0.010	Q3	Isopulegol	0.09	ND
3-Carene	0.18	ND	ND	Q3	Menthol	0.09	ND
α-Cedrene	0.09	ND	ND	Q3	Nerol	0.09	ND
α-Phellandrene	0.09	ND	ND	Q3	Pulegone	0.09	ND
α-Terpinene	0.09	ND	ND	Q3	p-Cymene	0.09	ND
β-Eudesmol	0.09	ND	ND	Q3	Sabinene	0.09	ND
β-Myrcene	0.09	ND	ND	Q3	Sabinene Hydrate	0.09	ND
Borneol	0.28	ND	ND	Q3	Terpinolene	0.18	ND
Camphor	0.37	ND	ND	Q3	trans-Nerolidol	0.09	ND
Caryophyllene Oxide	0.09	<LOQ	<LOQ	Q3	trans-Ocimene	0.06	ND
Cedrol	0.09	ND	ND	Q3	Valencene	0.09	ND
cis-Nerolidol	0.18	ND	ND	Q3			

Primary Aromas


Lemon



Cinnamon



Lavender



Hops



Pine

28.97 mg/g

Total Terpenes

Qualifiers:

Date Tested: 12/12/2025 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.

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PBX1I250919

Concentrates & Extracts, Infused/Enhanced Preroll


Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
Acetone	343.350	1000.000	ND	Pass	V1 L1 R1
Acetonitrile	139.570	410.000	ND	Pass	V1 L1 R1
Benzene	0.680	2.000	ND	Pass	V1 L1 R1
Butanes	2284.410	5000.000	ND	Pass	
Chloroform	20.560	60.000	ND	Pass	V1 L1 R1
Dichloromethane	208.930	600.000	ND	Pass	V1 L1 R1
Ethanol	1703.520	5000.000	ND	Pass	R1
Ethyl-Acetate	1705.130	5000.000	ND	Pass	V1 L1 R1
Ethyl-Ether	1698.480	5000.000	ND	Pass	V1 L1 R1
Heptane	1700.950	5000.000	ND	Pass	R1
Hexanes	98.050	290.000	ND	Pass	V1 L1 R1
Isopropanol	1695.530	5000.000	ND	Pass	V1 L1 R1
Isopropyl-Acetate	1698.670	5000.000	ND	Pass	V1 L1 R1
Methanol	1016.540	3000.000	ND	Pass	V1 L1 R1
Pentanes	1709.700	5000.000	ND	Pass	V1 L1 R1
Toluene	305.930	890.000	ND	Pass	V1 L1 R1
Xylenes	733.000	2170.000	ND	Pass	V1 L1 R1

Qualifiers:

Date Tested: 12/15/2025 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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Date of Pickup: 12/12/2025 Time Collected: 12:55

PBX1I250919

Concentrates & Extracts, Infused/Enhanced Preroll


Pesticides

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
Abamectin	0.030	0.500	PPM	Pass	V1	Hexythiazox	0.050	1.000	ND	Pass	V1
Acephate	0.040	0.400	ND	Pass	V1	Imazalil	0.050	0.200	ND	Pass	V1L1
Acetamiprid	0.050	0.200	ND	Pass	V1L1	Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass	V1L1	Kresoxim Methyl	0.040	0.400	ND	Pass	V1
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.050	0.200	ND	Pass	V1
Bifenazate	0.050	0.200	ND	Pass	V1	Metalaxyl	0.050	0.200	ND	Pass	V1L1
Bifenthrin	0.050	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	V1
Boscalid	0.040	0.400	ND	Pass	V1L1	Methomyl	0.050	0.400	ND	Pass	V1
Carbaryl	0.050	0.200	ND	Pass	V1	Myclobutanil	0.050	0.200	ND	Pass	V1
Carbofuran	0.050	0.200	ND	Pass	V1	Naled	0.050	0.500	ND	Pass	V1
Chlorantraniliprole	0.050	0.200	ND	Pass	V1L1	Oxamyl	0.050	1.000	ND	Pass	V1L1
Chlorfenapyr	0.460	1.000	ND	Pass	V1L1R1	Paclbutrazol	0.050	0.400	ND	Pass	V1
Chlorpyrifos	0.050	0.200	ND	Pass	V1	Permethrins	0.050	0.200	ND	Pass	
Clofentezine	0.050	0.200	ND	Pass	V1	Phosmet	0.050	0.200	ND	Pass	V1
Cyfluthrin	0.460	1.000	ND	Pass	R1	Piperon Butoxide	0.040	2.000	ND	Pass	V1
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.050	0.200	ND	Pass	V1L1
Daminozide	0.460	1.000	ND	Pass	V1	Propiconazole	0.050	0.400	ND	Pass	V1
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	V1
Diazinon	0.050	0.200	ND	Pass	V1	Pyrethrins	0.460	1.000	ND	Pass	V1L1
Dimethoate	0.050	0.200	ND	Pass	V1	Pyridaben	0.050	0.200	ND	Pass	V1
Ethoprophos	0.050	0.200	ND	Pass	V1	Spinosad	0.050	0.200	ND	Pass	V1L1
Etofenprox	0.050	0.400	ND	Pass	V1	Spiromesifen	0.050	0.200	ND	Pass	V1
Etoxazole	0.050	0.200	ND	Pass	V1	Spirotetramat	0.050	0.200	ND	Pass	V1
Fenoxy carb	0.050	0.200	ND	Pass	V1	Spiroxamine	0.040	0.400	ND	Pass	V1
Fenpyroximate	0.050	0.400	ND	Pass	V1	Tebuconazole	0.050	0.400	ND	Pass	V1L1
Fipronil	0.050	0.400	ND	Pass	V1	Thiaclorpid	0.050	0.200	ND	Pass	V1
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	V1L1
Fludioxonil	0.040	0.400	ND	Pass	V1	Trifloxystrobin	0.050	0.200	ND	Pass	V1L1

Herbicides

Analyte	LOQ	Limit	Units	Status

Qualifiers:

Date Tested: 12/13/2025 12:00 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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 (480) 867-1520
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 Lic# 00000004LCIG00024823


 Matthew Schuberth
 Laboratory Director

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PBX1I250919

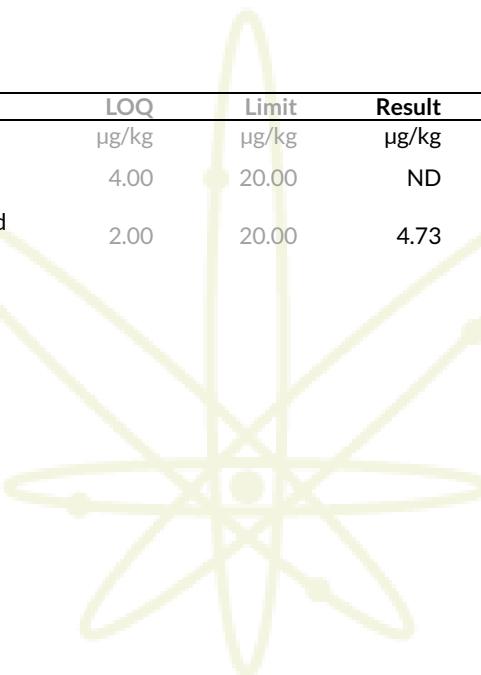
Concentrates & Extracts, Infused/Enhanced Preroll


Mycotoxins
Pass

Total Ochratoxins Date Tested: 12/12/2025

Total Aflatoxins Date Tested: 12/12/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.73	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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Concentrates & Extracts, Infused/Enhanced Preroll


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: 12/13/2025 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	<0.101	0.101	0.400	Pass	
Cadmium	<0.101	0.101	0.400	Pass	
Lead	ND	0.101	1.000	Pass	
Mercury	<0.101	0.101	0.200	Pass	

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Notes from Manufacturer

Flower Input: Batch ID: SUND250919 -Strain: Sundaze - Harvest Date: 12/1/2025 - Extraction Information: Arizona Golden Leaf Wellness (DBA: IO Extracts) Method: Pure Butane- License Number: 00000067ESBS89254298



LEVEL ONE
LABS