

# Certificate of Analysis

## Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

**Sample: 2506LVL0537.2791**

Secondary License: ; Chain of Distribution:

Strain: Munchkinz; Batch Size: g; External Batch ID: MCHKI250108

Sample Received: 06/17/2025; Report Created: 06/23/2025; Report Expiration: 06/23/2026

Sampling Date: 06/17/2025; Sampling Time: 7AM; Sampling Person: Scott Interdonato

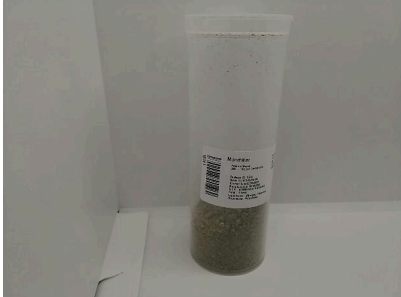
Harvest Date: 03/31/2025; Manufacturing Date: ; External Lot ID:

Date of Pickup: 06/17/2025 Time Collected: 10:15

**MCHKI250108**

Concentrates & Extracts, Infused/Enhanced Preroll



	<b>45.89%</b>	<b>&lt;LOQ</b>	<b>53.02%</b>
	Total THC	Total CBD	
	<b>13.22 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

## Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.21	50.82	508.2	M1
Δ9-THC	0.21	1.32	13.2	
Δ8-THC	0.21	ND	ND	Q3
THCVa	0.21	<LOQ	<LOQ	Q3
THCV	0.21	ND	ND	Q3
CBDa	0.21	<LOQ	<LOQ	
CBD	0.21	ND	ND	
CBDVa	0.21	ND	ND	Q3
CBDV	0.21	ND	ND	Q3
CBN	0.21	ND	ND	Q3
CBGa	0.21	0.49	4.9	Q3
CBG	0.21	<LOQ	<LOQ	Q3
CBCa	0.21	0.39	3.9	Q3
CBC	0.21	ND	ND	Q3
<b>Total</b>		<b>53.02</b>	<b>530.2</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 06/18/2025 12:00 am

Total THC = THCa \* 0.877 + Δ9-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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## Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.21	5.67	0.567	Q3	Citronellol	1.05	ND	ND	Q3
δ-Limonene	0.21	2.58	0.258	Q3	Eucalyptol	0.10	ND	ND	Q3
α-Humulene	0.10	2.01	0.201	Q3	Farnesene	0.02	ND	ND	Q3
Linalool	0.21	1.03	0.103	Q3	Fenchone	0.21	ND	ND	Q3
Fenchol	0.10	0.71	0.071	Q3	γ-Terpinene	0.10	ND	ND	Q3
α-Terpineol	0.17	0.41	0.041	Q3	γ-Terpineol	0.02	ND	ND	Q3
β-Myrcene	0.10	0.24	0.024	Q3	Geraniol	2.09	ND	ND	Q3
α-Bisabolol	0.10	0.21	0.021	Q3	Geranyl Acetate	0.10	ND	ND	Q3
α-Pinene	0.10	0.20	0.020	Q3	Guaiol	0.10	ND	ND	Q3
cis-Ocimene	0.03	0.16	0.016	Q3	Isoborneol	1.05	ND	ND	Q3
3-Carene	0.21	ND	ND	Q3	Isopulegol	0.10	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Menthol	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Nerol	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	Pulegone	0.10	ND	ND	Q3
β-Eudesmol	0.10	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
β-Pinene	0.21	<LOQ	<LOQ	Q3	Sabinene	0.10	ND	ND	Q3
Borneol	0.31	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Camphene	0.10	<LOQ	<LOQ	Q3	Terpinolene	0.21	ND	ND	Q3
Camphor	0.42	ND	ND	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Caryophyllene	0.10	ND	ND	Q3	trans-Ocimene	0.07	ND	ND	Q3
Oxide	0.10	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3					
cis-Nerolidol	0.21	ND	ND	Q3					

## Primary Aromas



Cinnamon



Lemon



Hops



Lavender



Basil

**13.22 mg/g**

Total Terpenes

Qualifiers:  
Date Tested: 06/18/2025 12:00 am

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3 of 7

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## Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	372.370	1000.000	ND	Pass	
Acetonitrile	151.370	410.000	ND	Pass	
Benzene	0.740	2.000	ND	Pass	V1 L1
Butanes	2477.530	5000.000	ND	Pass	V1 L1
Chloroform	22.300	60.000	ND	Pass	V1 L1
Dichloromethane	226.590	600.000	ND	Pass	V1 L1
Ethanol	1847.530	5000.000	ND	Pass	V1 L1
Ethyl-Acetate	1849.280	5000.000	ND	Pass	V1 L1
Ethyl-Ether	1842.060	5000.000	ND	Pass	V1 L1
Heptane	1844.740	5000.000	ND	Pass	
Hexanes	106.340	290.000	ND	Pass	V1
Isopropanol	1838.870	5000.000	ND	Pass	V1 L1
Isopropyl-Acetate	1842.270	5000.000	ND	Pass	V1 L1
Methanol	1102.470	3000.000	ND	Pass	V1
Pentanes	1854.230	5000.000	ND	Pass	V1 L1
Toluene	331.790	890.000	ND	Pass	V1 L1
Xylenes	794.970	2170.000	ND	Pass	V1 L1

LEVEL ONE

Qualifiers:

Date Tested: 06/18/2025 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.



1525 N Granite Reef Rd

Scottsdale, AZ

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4 of 7

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MCHKI250108

Concentrates & Extracts, Infused/Enhanced Preroll



## 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		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	M1
Aldicarb	0.040	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	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	0.050	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass		Myclobutanil	0.050	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	0.450	1.000	ND	Pass		Paclobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	M1
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.450	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.040	1.000	ND	Pass	M1	Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass	M1	Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.450	1.000	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	V1
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	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass	M1	Thiacloprid	0.040	0.200	ND	Pass	
Flonicamid	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: 06/19/2025 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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## Mycotoxins

Pass

Total Ochratoxins Date Tested: 06/19/2025

Total Aflatoxins Date Tested: 06/19/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	<LOQ	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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## 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: 06/19/2025 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	<0.143	0.143	0.400	Pass	
Cadmium	ND	0.143	0.400	Pass	
Lead	<0.143	0.143	1.000	Pass	
Mercury	<0.143	0.143	0.200	Pass	

LEVEL ONE

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