



# Certificate of Analysis

Laboratory Sample ID: TE50108009-001



**Production Method:** Indoor  
**Harvest/Lot ID:** MADHI241002  
**Batch#:** MADHI241002  
**Harvest Date:** 12/23/24  
**Sample Size Received:** 15.82 gram  
**Total Amount:** 7 gram  
**Retail Product Size:** 10 gram  
**Retail Serving Size:** 10 gram  
**Servings:** 1  
**Ordered:** 01/08/25  
**Sampled:** 01/08/25  
**Sample Collection Time:** 03:30 PM  
**Completed:** 01/14/25

Jan 14, 2025 | Project Packs  
 License # 00000084ESFH12297246  
 2239 N Black Canyon Hwy  
 Phoenix, AZ, 85009, US

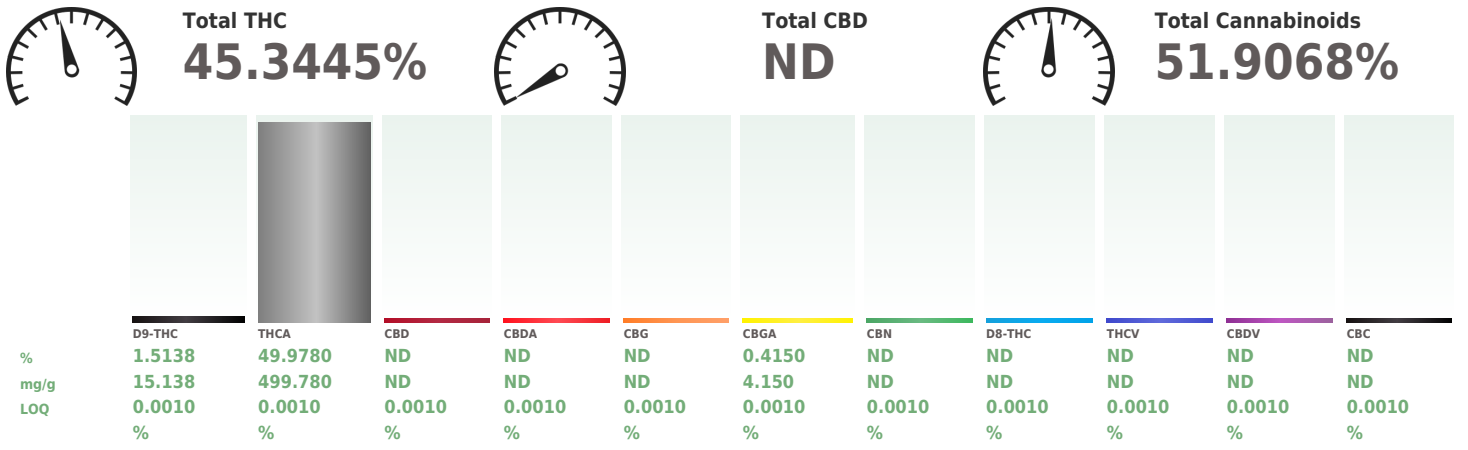
**PASSED**

Pages 1 of 6

**SAFETY RESULTS**

 <b>Pesticides</b> PASSED	 <b>Heavy Metals</b> PASSED	 <b>Microbials</b> PASSED	 <b>Mycotoxins</b> PASSED	 <b>Residuals Solvents</b> PASSED	 <b>Filtration</b> NOT TESTED	 <b>Water Activity</b> NOT TESTED	 <b>Moisture</b> NOT TESTED	 <b>Terpenes</b> PASSED
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 **Cannabinoid** **PASSED**



Analyzed by: 432, 272, 399, 359, 312      Weight: 0.1936g      Extraction date: 01/10/25 15:29:41      Extracted by: 333,432,359,312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031  
 Analytical Batch : TE007197POT  
 Instrument Used : TE-004 "Duke Leto" (Flower)      Batch Date : 01/09/25 11:35:50  
 Analyzed Date : 01/14/25 16:38:09

Dilution : 400  
 Reagent : N/A  
 Consumables : N/A  
 Pipette : N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

**Ariel Gonzales**  
 Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation # 97164



Signature  
 01/14/25



# Certificate of Analysis

**PASSED**

**Project Packs**

2239 N Black Canyon Hwy  
Phoenix, AZ, 85009, US  
Telephone: (530) 514-0500  
Email: adam@projectpacks.co  
License #: 0000084ESFH12297246

Sample : TE50108009-001  
Harvest/Lot ID: MADHI241002

Batch #: MADHI241002  
Sampled : 01/08/25  
Ordered : 01/08/25

Sample Size Received : 15.82 gram  
Total Amount : 7 gram  
Completed : 01/14/25 Expires: 01/14/26  
Sample Method : SOP Client Method

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## Terpenes

**PASSED**

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	12.766	1.2766		ALPHA-PINENE	0.0020	ND	ND	
BETA-CARYOPHYLLENE	0.0020	4.472	0.4472		ALPHA-TERPINENE	0.0020	ND	ND	
BETA-MYRCENE	0.0020	2.827	0.2827		ALPHA-TERPINEOL	0.0020	ND	ND	
LIMONENE	0.0020	2.178	0.2178		BETA-PINENE	0.0020	ND	ND	
ALPHA-HUMULENE	0.0020	1.510	0.1510		CIS-NEROLIDOL	0.0020	ND	ND	
LINALOOL	0.0020	1.084	0.1084		GAMMA-TERPINENE	0.0020	ND	ND	
ALPHA-BISABOLOL	0.0020	0.695	0.0695		GAMMA-TERPINEOL	0.0020	ND	ND	
3-CARENE	0.0020	ND	ND		TRANS-NEROLIDOL	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND						
CAMPHENE	0.0020	ND	ND		Analized by:	Weight:	Extraction date:	Extracted by:	
CAMPHOR	0.0020	ND	ND		445, 334, 272, 399	0.2479g	01/09/25 14:01:48	312,445	
CARYOPHYLLENE OXIDE	0.0020	ND	ND						
CEDROL	0.0020	ND	ND		Analysis Method :	SOP.T.30.500, SOP.T.30.064, SOP.T.40.064			
EUCALYPTOL	0.0020	ND	ND		Analytical Batch :	TE007202TER			
FENCHONE	0.0020	ND	ND		Instrument Used :	TE-096 "MS - Terpenes 1",TE-097 "AS - Terpenes 1",TE-093 "GC - Terpenes 1"			
FENCHYL ALCOHOL	0.0020	ND	ND		Batch Date :	01/09/25 13:40:39			
GERANIOL	0.0020	ND	ND		Analized Date :	01/14/25 10:40:45			
GERANYL ACETATE	0.0020	ND	ND						
GUAIOL	0.0020	ND	ND		Dilution :	N/A			
ISOBORNEOL	0.0020	ND	ND		Reagent :	101723.24; 071924.01			
ISOPULEGOL	0.0020	ND	ND		Consumables :	947.110; H109203-1; 04304030; 8000038072; 20240202; 1; 0000185478; GD23006			
MENTHOL	0.0020	ND	ND		Pipette :	N/A			
NEROL	0.0020	ND	ND						
OCIMENE	0.0020	ND	ND		Terpenes screening is performed using GC-MS which can detect below single digit ppm concentrations. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.064 for sample prep, and SOP.T.40.064 for analysis via ThermoScientific 1310-series GC equipped with an AI 1310-series liquid injection autosampler and detection carried out by ISO 7000-series mass spectrometer). Terpene results are reported on a wt/wt% basis. 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. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 - Q3.				
PULEGONE	0.0020	ND	ND						
SABINENE	0.0020	ND	ND						
SABINENE HYDRATE	0.0020	ND	ND						
TERPINOLENE	0.0020	ND	ND						
VALENCENE	0.0020	ND	ND						
ALPHA-CEDRENE	0.0020	ND	ND						
ALPHA-PHELLANDRENE	0.0020	ND	ND						
<b>Total (%)</b>			<b>1.2760</b>						



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License #: 0000084ESFH12297246

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Completed : 01/14/25 Expires: 01/14/26  
Sample Method : SOP Client Method

Page 3 of 6



## Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result																																																																																																																								
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND																																																																																																																								
ACEPHATE	0.2000	ppm	0.4	PASS	ND	SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND																																																																																																																								
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND																																																																																																																								
ALDICARB	0.2000	ppm	0.4	PASS	ND	SPIROXAMINE	0.2000	ppm	0.4	PASS	ND																																																																																																																								
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND																																																																																																																								
BIFENAZATE	0.1000	ppm	0.2	PASS	ND	THIACLOPRID	0.1000	ppm	0.2	PASS	ND																																																																																																																								
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND	THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND																																																																																																																								
BOSCALID	0.2000	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND																																																																																																																								
CARBARYL	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.3000	ppm	1	PASS	ND																																																																																																																								
CARBOFURAN	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.5000	ppm	1	PASS	ND																																																																																																																								
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND	<table border="0" style="width: 100%; font-size: 0.8em;"> <tr> <td>Analyzed by:</td> <td>Weight:</td> <td>Extraction date:</td> <td>Extracted by:</td> </tr> <tr> <td>152, 272, 399</td> <td>0.5015g</td> <td>01/09/25 14:51:03</td> <td>410</td> </tr> <tr> <td colspan="4">Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ</td> </tr> <tr> <td colspan="4">Analytical Batch : TE007187PES</td> </tr> <tr> <td colspan="4">Instrument Used : TE-262 *MS/MS - Pest/Myco 2*, TE-117 UHPLC - Pest/Myco 2</td> </tr> <tr> <td colspan="4">Batch Date : 01/08/25 16:04:42</td> </tr> <tr> <td colspan="4">Analyzed Date : 01/11/25 18:34:59</td> </tr> <tr> <td colspan="4">Dilution : 25</td> </tr> <tr> <td colspan="4">Reagent : 010825.R13; 010625.R01; 010625.R02; 121024.R09; 010825.R04; 010325.R15; 122724.R09; 010825.R05; 041823.06</td> </tr> <tr> <td colspan="4">Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG</td> </tr> <tr> <td colspan="4">Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)</td> </tr> <tr> <td colspan="4">Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).</td> </tr> <tr> <td colspan="4">Analyzed by:</td> </tr> <tr> <td colspan="4">Weight:</td> </tr> <tr> <td colspan="4">Extraction date:</td> </tr> <tr> <td colspan="4">Extracted by:</td> </tr> <tr> <td colspan="4">152, 272, 399</td> </tr> <tr> <td colspan="4">0.5015g</td> </tr> <tr> <td colspan="4">01/09/25 14:51:03</td> </tr> <tr> <td colspan="4">410</td> </tr> <tr> <td colspan="4">Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ</td> </tr> <tr> <td colspan="4">Analytical Batch : TE007211VOL</td> </tr> <tr> <td colspan="4">Instrument Used : TE-117 UHPLC - Pest/Myco 2, TE-262 *MS/MS - Pest/Myco 2</td> </tr> <tr> <td colspan="4">Batch Date : 01/09/25 16:24:42</td> </tr> <tr> <td colspan="4">Analyzed Date : 01/11/25 18:37:10</td> </tr> <tr> <td colspan="4">Dilution : 25</td> </tr> <tr> <td colspan="4">Reagent : 010825.R13; 010625.R01; 010625.R02; 121024.R09; 010825.R04; 010325.R15; 122724.R09; 010825.R05; 041823.06</td> </tr> <tr> <td colspan="4">Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG</td> </tr> <tr> <td colspan="4">Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)</td> </tr> <tr> <td colspan="4">Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).</td> </tr> </table>						Analyzed by:	Weight:	Extraction date:	Extracted by:	152, 272, 399	0.5015g	01/09/25 14:51:03	410	Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ				Analytical Batch : TE007187PES				Instrument Used : TE-262 *MS/MS - Pest/Myco 2*, TE-117 UHPLC - Pest/Myco 2				Batch Date : 01/08/25 16:04:42				Analyzed Date : 01/11/25 18:34:59				Dilution : 25				Reagent : 010825.R13; 010625.R01; 010625.R02; 121024.R09; 010825.R04; 010325.R15; 122724.R09; 010825.R05; 041823.06				Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG				Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)				Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. 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**Ariel Gonzales**

Lab Director

State License #  
0000024LCMD66604568  
ISO 17025 Accreditation # 97164

Signature  
01/14/25



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**PASSED**

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Sample Method : SOP Client Method

Page 4 of 6



## Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
BUTANES	2400.0000	ppm	5000	PASS	ND
METHANOL	1440.0000	ppm	3000	PASS	ND
PENTANES	2400.0000	ppm	5000	PASS	ND
ETHANOL	2400.0000	ppm	5000	PASS	ND
ETHYL ETHER	2400.0000	ppm	5000	PASS	ND
ACETONE	480.0000	ppm	1000	PASS	ND
2-PROPANOL	2400.0000	ppm	5000	PASS	ND
ACETONITRILE	196.8000	ppm	410	PASS	ND
DICHLOROMETHANE	288.0000	ppm	600	PASS	ND
HEXANES	139.2000	ppm	290	PASS	ND
ETHYL ACETATE	2400.0000	ppm	5000	PASS	ND
CHLOROFORM	28.8000	ppm	60	PASS	ND
BENZENE	1.2000	ppm	2	PASS	ND
ISOPROPYL ACETATE	2400.0000	ppm	5000	PASS	ND
HEPTANE	2400.0000	ppm	5000	PASS	ND
TOLUENE	427.2000	ppm	890	PASS	ND
XYLENES	1041.6000	ppm	2170	PASS	ND

Analyzed by: 409, 334, 272, 399	Weight: 0.0195g	Extraction date: 01/09/25 15:53:40	Extracted by: 409
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Analysis Method : SOP.T.40.044.AZ  
 Analytical Batch : TE007207SOL  
 Instrument Used : TE-092 "GC - Solvents 1",TE-095 "MS - Solvents 1",TE-098 "Injector - Solvents 1",TE-100 "HS - Solvents 1",TE-113 "Vacuum Pump - Solvents 1" Batch Date : 01/09/25 15:45:44

Analyzed Date : 01/14/25 10:09:43

Dilution : N/A  
 Reagent : 021324.04; 121024.04; 110724.07  
 Consumables : K107291-06; 430274; 103689; GD23006  
 Pipette : N/A

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.





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Email: adam@projectpacks.co  
License #: 0000084ESFH12297246


Sample : TE50108009-001  
Harvest/Lot ID: MADHI241002

Batch#: MADHI241002  
Sample Size Received : 15.82 gram  
Total Amount : 7 gram  
Sampled : 01/08/25  
Completed : 01/14/25 Expires: 01/14/26  
Ordered : 01/08/25  
Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS		TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B1	4.8510	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B2	5.9400	ppb	ND	PASS	20
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS		AFLATOXIN G1	6.2700	ppb	ND	PASS	20
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS		AFLATOXIN G2	10.7250	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	12.0000	ppb	ND	PASS	20
<b>Analyzed by:</b> 87, 272, 399	<b>Weight:</b> 0.9507g	<b>Extraction date:</b> 01/11/25 09:43:01	<b>Extracted by:</b> 87			<b>Analyzed by:</b> 152, 272, 399	<b>Weight:</b> 0.5015g	<b>Extraction date:</b> 01/09/25 14:51:03	<b>Extracted by:</b> 410		
<b>Analysis Method :</b> SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ <b>Analytical Batch :</b> TE007192MIC <b>Instrument Used :</b> TE-234 "bioMerieux GENE-UP" <b>Batch Date :</b> 01/09/25 10:45:55 <b>Analyzed Date :</b> 01/14/25 16:11:21						<b>Analysis Method :</b> SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ <b>Analytical Batch :</b> TE007212MYC <b>Instrument Used :</b> TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - <b>Batch Date :</b> 01/09/25 16:25:58 <b>Analyzed Date :</b> 01/11/25 18:45:54					
<b>Dilution :</b> 10 <b>Reagent :</b> 120924.24; 120524.06; 010225.R26 <b>Consumables :</b> N/A <b>Pipette :</b> N/A						<b>Dilution :</b> 25 <b>Reagent :</b> 010825.R13; 010625.R01; 010625.R02; 121024.R09; 010825.R04; 010325.R15; 122724.R09; 010825.R05; 041823.06 <b>Consumables :</b> 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG <b>Pipette :</b> TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)					

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.2000	ppm	ND	PASS	0.4
CADMIUM	0.2000	ppm	ND	PASS	0.4
LEAD	0.5000	ppm	ND	PASS	1
MERCURY	0.1000	ppm	ND	PASS	0.2
<b>Analyzed by:</b> 398, 272, 399	<b>Weight:</b> 0.2016g	<b>Extraction date:</b> 01/09/25 14:18:15	<b>Extracted by:</b> 445,312,398		
<b>Analysis Method :</b> SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ <b>Analytical Batch :</b> TE007200HEA <b>Instrument Used :</b> TE-307 "Ted" <b>Batch Date :</b> 01/09/25 12:33:52 <b>Analyzed Date :</b> 01/11/25 10:56:04					
<b>Dilution :</b> 50 <b>Reagent :</b> 102824.02; 010825.R03; 010625.R03; 100424.02; 121824.01; 090922.04 <b>Consumables :</b> 052024CH01; 210705-306-D; 269336; GD23006 <b>Pipette :</b> TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL)					

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).





1231 W. Warner Road, Suite 105  
 Tempe, AZ, 85284, US  
 (480) 220-4470

**Kaycha Labs**

.....  
 MADHI241002  
 Mad Honey  
 Matrix : Flower  
 Type: Flower-Cured



# Certificate of Analysis

**PASSED**

**Project Packs**

2239 N Black Canyon Hwy  
 Phoenix, AZ, 85009, US  
**Telephone:** (530) 514-0500  
**Email:** adam@projectpacks.co  
**License # :** 00000084ESFH12297246

**Sample :** TE50108009-001  
**Harvest/Lot ID:** MADHI241002

**Batch# :** MADHI241002  
**Sampled :** 01/08/25  
**Ordered :** 01/08/25

**Sample Size Received :** 15.82 gram  
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**Completed :** 01/14/25 **Expires:** 01/14/26  
**Sample Method :** SOP Client Method

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## COMMENTS

- \* Cannabinoid      TE50108009-001POT
- 1 - V1 : CBDV, CBDA, CBGA, CBG, CBD, THCv, CBN, d9-THC, 98-THC, CBC, THCA M1 : CBDA
- \* Residual      TE50108009-001SOL
- 1 - M2- o-Xylene

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

**Ariel Gonzales**

Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation # 97164

Signature  
 01/14/25