

# Certificate of Analysis

 Powered by Confident LIMS  
 1 of 8

**Project Packs**

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

**Sample: 2601LVL0002.0020**

Secondary License: ; Chain of Distribution:

Strain: Mad Honey; Batch Size: g; External Batch ID: MADHI251003

Sample Received: 01/05/2026; Report Completed: 01/09/2026; Report Expiration: 01/09/2027

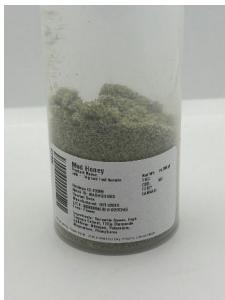
Sampling Date: 12/31/2025; Sampling Time: 10:00 AM; Sampling Person: Scott Interdonato

Harvest Date: 12/15/2025; Manufacturing Date: 12/31/2025; External Lot ID:

Date of Pickup: 01/05/2026 Time Collected: 9:34

**MADHI251003**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**48.14%**

Total THC

**ND**

Total CBD

**19.54 mg/g**

 Total Terpenes  
(Q3)

**55.75%**
**Complete**

 NR  
Moisture (Q3)

 Total  
Cannabinoids  
(Q3)

**Cannabinoids**

Complete

| Analyte      | LOQ  | Result       | Result       | Qualifier |
|--------------|------|--------------|--------------|-----------|
|              | %    | %            | mg/g         |           |
| THCa         | 0.20 | 53.70        | 537.0        |           |
| Δ9-THC       | 0.20 | 1.04         | 10.4         |           |
| Δ8-THC       | 0.20 | ND           | ND           | Q3        |
| THCVA        | 0.20 | 0.22         | 2.2          | Q3        |
| THCV         | 0.20 | ND           | ND           | Q3        |
| CBDa         | 0.20 | ND           | ND           |           |
| CBD          | 0.20 | ND           | ND           |           |
| CBDVA        | 0.20 | ND           | ND           | Q3        |
| CBDV         | 0.20 | ND           | ND           | Q3        |
| CBN          | 0.20 | ND           | ND           | Q3        |
| CBGA         | 0.20 | 0.43         | 4.3          | Q3        |
| CBG          | 0.20 | <LOQ         | <LOQ         | Q3        |
| CBCA         | 0.20 | 0.35         | 3.5          | Q3        |
| CBC          | 0.20 | ND           | ND           | Q3        |
| <b>Total</b> |      | <b>55.75</b> | <b>557.5</b> | <b>Q3</b> |

 Qualifiers:  
 Date Tested: 01/05/2026 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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2 of 8

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Date of Pickup: 01/05/2026 Time Collected: 9:34

**MADHI251003**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Terpenes**

| Analyte         | LOQ  | Result | Result Qualifier | Analyte | LOQ              | Result | Result Qualifier |    |    |
|-----------------|------|--------|------------------|---------|------------------|--------|------------------|----|----|
|                 | mg/g | mg/g   | %                |         | mg/g             | mg/g   | %                |    |    |
| β-Myrcene       | 0.11 | 6.44   | 0.644            | Q3      | Citronellol      | 1.07   | ND               | ND | Q3 |
| β-Caryophyllene | 0.21 | 6.31   | 0.631            | Q3      | Eucalyptol       | 0.11   | ND               | ND | Q3 |
| δ-Limonene      | 0.21 | 2.64   | 0.264            | Q3      | Farnesene        | 0.02   | ND               | ND | Q3 |
| Linalool        | 0.21 | 1.54   | 0.154            | Q3      | Fenchone         | 0.21   | ND               | ND | Q3 |
| α-Humulene      | 0.11 | 1.45   | 0.145            | Q3      | γ-Terpinene      | 0.11   | ND               | ND | Q3 |
| Fenchol         | 0.11 | 0.51   | 0.051            | Q3      | γ-Terpineol      | 0.02   | ND               | ND | Q3 |
| α-Bisabolol     | 0.11 | 0.33   | 0.033            | Q3      | Geraniol         | 2.14   | ND               | ND | Q3 |
| α-Terpineol     | 0.17 | 0.22   | 0.022            | Q3      | Geranyl Acetate  | 0.11   | ND               | ND | Q3 |
| cis-Ocimene     | 0.03 | 0.10   | 0.010            | Q3      | Guaiol           | 0.11   | ND               | ND | Q3 |
| 3-Carene        | 0.21 | ND     | ND               | Q3      | Isoborneol       | 1.07   | ND               | ND | Q3 |
| α-Cedrene       | 0.11 | ND     | ND               | Q3      | Isopulegol       | 0.11   | ND               | ND | Q3 |
| α-Phellandrene  | 0.11 | ND     | ND               | Q3      | Menthol          | 0.11   | ND               | ND | Q3 |
| α-Pinene        | 0.11 | <LOQ   | <LOQ             | Q3      | Nerol            | 0.11   | ND               | ND | Q3 |
| α-Terpinene     | 0.11 | ND     | ND               | Q3      | Pulegone         | 0.11   | ND               | ND | Q3 |
| β-Eudesmol      | 0.11 | ND     | ND               | Q3      | p-Cymene         | 0.11   | ND               | ND | Q3 |
| β-Pinene        | 0.21 | <LOQ   | <LOQ             | Q3      | Sabinene         | 0.11   | ND               | ND | Q3 |
| Borneol         | 0.32 | ND     | ND               | Q3      | Sabinene Hydrate | 0.11   | ND               | ND | Q3 |
| Camphene        | 0.11 | ND     | ND               | Q3      | Terpinolene      | 0.21   | ND               | ND | Q3 |
| Camphor         | 0.43 | ND     | ND               | Q3      | trans-Nerolidol  | 0.11   | ND               | ND | Q3 |
| Caryophyllene   | 0.11 | ND     | ND               | Q3      | trans-Ocimene    | 0.07   | ND               | ND | Q3 |
| Oxide           |      |        |                  |         | Valencene        | 0.11   | ND               | ND | Q3 |
| Cedrol          | 0.11 | ND     | ND               | Q3      |                  |        |                  |    |    |
| cis-Nerolidol   | 0.21 | ND     | ND               | Q3      |                  |        |                  |    |    |

**Primary Aromas**


Hops



Cinnamon



Lemon



Lavender



Basil

19.54 mg/g

Total Terpenes

**Qualifiers:**

Date Tested: 01/05/2026 12:00 am

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3 of 8

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**MADHI251003**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Residual Solvents**

Pass

| Analyte           | LOQ      | Limit    | Result | Status | Qualifier |
|-------------------|----------|----------|--------|--------|-----------|
|                   | PPM      | PPM      | PPM    |        |           |
| Acetone           | 346.640  | 1000.000 | ND     | Pass   | V1 L1     |
| Acetonitrile      | 140.910  | 410.000  | ND     | Pass   | V1 L1     |
| Benzene           | 0.690    | 2.000    | ND     | Pass   | V1 L1 R1  |
| Butanes           | 2306.330 | 5000.000 | ND     | Pass   |           |
| Chloroform        | 20.760   | 60.000   | ND     | Pass   | V1 L1     |
| Dichloromethane   | 210.930  | 600.000  | ND     | Pass   | V1 L1     |
| Ethanol           | 1719.870 | 5000.000 | ND     | Pass   | V1 L1     |
| Ethyl-Acetate     | 1721.500 | 5000.000 | ND     | Pass   | V1 L1     |
| Ethyl-Ether       | 1714.780 | 5000.000 | ND     | Pass   | V1 L1     |
| Heptane           | 1717.270 | 5000.000 | ND     | Pass   |           |
| Hexanes           | 98.990   | 290.000  | ND     | Pass   | V1 L1     |
| Isopropanol       | 1711.800 | 5000.000 | ND     | Pass   | V1 L1     |
| Isopropyl-Acetate | 1714.970 | 5000.000 | ND     | Pass   | V1 L1     |
| Methanol          | 1026.300 | 3000.000 | ND     | Pass   | V1 L1     |
| Pentanes          | 1726.100 | 5000.000 | ND     | Pass   | V1 L1     |
| Toluene           | 308.870  | 890.000  | ND     | Pass   | V1 L1     |
| Xylenes           | 740.040  | 2170.000 | ND     | Pass   | V1 L1     |

Qualifiers:

Date Tested: 01/07/2026 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: 01/05/2026 Time Collected: 9:34

**MADHI251003**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Pesticides**

| Analyte             | LOQ   | Limit | Units | Status | Qualifier | Analyte          | LOQ          | Limit | Units | Status | Qualifier |      |
|---------------------|-------|-------|-------|--------|-----------|------------------|--------------|-------|-------|--------|-----------|------|
| Abamectin           | 0.030 | 0.500 | PPM   | ND     | Pass      | L1               | Hexythiazox  | 0.040 | 1.000 | ND     | Pass      | V1L1 |
| Acephate            | 0.040 | 0.400 | ND    | Pass   | V1L1      |                  | Imazalil     | 0.040 | 0.200 | ND     | Pass      | V1L1 |
| Acetamiprid         | 0.040 | 0.200 | ND    | Pass   | V1L1      | R1               | Imidacloprid | 0.040 | 0.400 | ND     | Pass      | V1L1 |
| Aldicarb            | 0.040 | 0.400 | ND    | Pass   | V1L1      | Kresoxim Methyl  | 0.040        | 0.400 | ND    | Pass   | V1L1      |      |
| Azoxystrobin        | 0.050 | 0.200 | ND    | Pass   | V1L1      | Malathion        | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Bifenazate          | 0.040 | 0.200 | ND    | Pass   | L1        | Metalaxylo       | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Bifenthrin          | 0.040 | 0.200 | ND    | Pass   | V1L1      | Methiocarb       | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Boscalid            | 0.040 | 0.400 | ND    | Pass   | V1L1      | Methomyl         | 0.050        | 0.400 | ND    | Pass   | V1L1      |      |
| Carbaryl            | 0.040 | 0.200 | ND    | Pass   | V1L1      | Myclobutanil     | 0.050        | 0.200 | ND    | Pass   | L1        |      |
| Carbofuran          | 0.040 | 0.200 | ND    | Pass   | V1L1      | Naled            | 0.040        | 0.500 | ND    | Pass   | V1L1      |      |
| Chlorantraniliprole | 0.040 | 0.200 | ND    | Pass   | V1L1      | Oxamyl           | 0.040        | 1.000 | ND    | Pass   | V1L1      |      |
| Chlorfenapyr        | 0.450 | 1.000 | ND    | Pass   |           | Pacllobutrazol   | 0.050        | 0.400 | ND    | Pass   | L1        |      |
| Chlorpyrifos        | 0.050 | 0.200 | ND    | Pass   | L1        | Permethrins      | 0.050        | 0.200 | ND    | Pass   | V1L1      |      |
| Clofentezine        | 0.040 | 0.200 | ND    | Pass   | V1L1      | Phosmet          | 0.040        | 0.200 | ND    | Pass   | L1        |      |
| Cyfluthrin          | 0.440 | 1.000 | ND    | Pass   | L1        | Piperon Butoxide | 0.040        | 2.000 | ND    | Pass   | V1L1      |      |
| Cypermethrin        | 0.040 | 1.000 | ND    | Pass   | L1        | Prallethrin      | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Daminozide          | 0.450 | 1.000 | ND    | Pass   | V1L1      | Propiconazole    | 0.040        | 0.400 | ND    | Pass   | V1L1      |      |
| Dichlorvos (DDVP)   | 0.040 | 0.100 | ND    | Pass   | V1L1      | Propoxur         | 0.050        | 0.200 | ND    | Pass   | V1L1      |      |
| Diazinon            | 0.050 | 0.200 | ND    | Pass   | V1L1      | Pyrethrins       | 0.450        | 1.000 | ND    | Pass   | L1        |      |
| Dimethoate          | 0.040 | 0.200 | ND    | Pass   | V1L1      | Pyridaben        | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Ethoprophos         | 0.040 | 0.200 | ND    | Pass   | L1        | Spinosad         | 0.050        | 0.200 | ND    | Pass   | L1        |      |
| Etofenprox          | 0.040 | 0.400 | ND    | Pass   | V1L1      | Spiromesifen     | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Etoxazole           | 0.040 | 0.200 | ND    | Pass   | V1L1      | Spirotetramat    | 0.040        | 0.200 | ND    | Pass   | L1        |      |
| Fenoxy carb         | 0.050 | 0.200 | ND    | Pass   | V1L1      | Spiroxamine      | 0.040        | 0.400 | ND    | Pass   | L1        |      |
| Fenpyroximate       | 0.040 | 0.400 | ND    | Pass   |           | Tebuconazole     | 0.050        | 0.400 | ND    | Pass   | V1L1      |      |
| Fipronil            | 0.040 | 0.400 | ND    | Pass   | L1        | Thiaclorpid      | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Flonicamid          | 0.040 | 1.000 | ND    | Pass   | V1L1      | Thiamethoxam     | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |
| Fludioxonil         | 0.040 | 0.400 | ND    | Pass   | L1        | Trifloxystrobin  | 0.040        | 0.200 | ND    | Pass   | V1L1      |      |

**Herbicides**

| Analyte | LOQ | Limit | Units | Status |
|---------|-----|-------|-------|--------|
|         |     |       |       |        |

## Qualifiers:

Date Tested: 01/07/2026 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.

1525 N Granite Reef Rd  
Scottsdale, AZ  
(480) 867-1520  
<http://www.levelonelabs.com>  
Lic# 00000004LCIG00024823



Matthew Schuberth  
Laboratory Director

Confident LIMS  
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**MADHI251003**

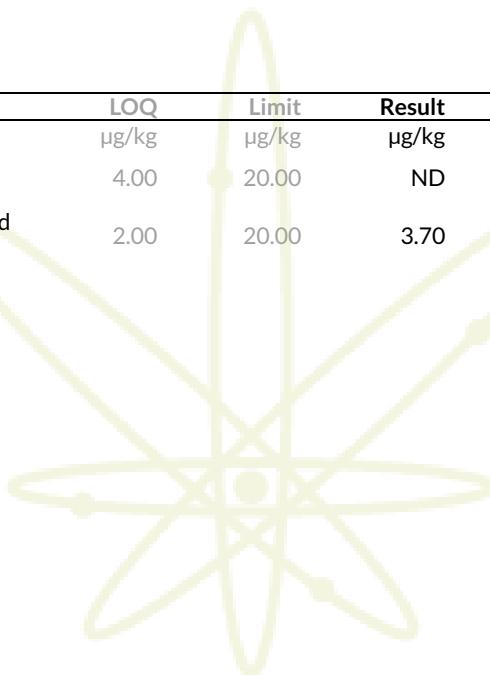
Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Mycotoxins**
**Pass**

Total Ochratoxins Date Tested: 01/06/2026

Total Aflatoxins Date Tested: 01/06/2026

| 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 | 3.70   | 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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6 of 8

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**MADHI251003**

Concentrates &amp; 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: 01/06/2026 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 &amp; 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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7 of 8

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**MADHI251003**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Heavy Metals**

Pass

| Analyte | Result | LOQ   | Limit | Status | Qualifier |
|---------|--------|-------|-------|--------|-----------|
|         | PPM    | PPM   | PPM   |        |           |
| Arsenic | <0.098 | 0.098 | 0.400 | Pass   |           |
| Cadmium | <0.098 | 0.098 | 0.400 | Pass   |           |
| Lead    | <0.098 | 0.098 | 1.000 | Pass   |           |
| Mercury | <0.098 | 0.098 | 0.200 | Pass   |           |

## Qualifiers:

Date Tested: 01/09/2026 07:00 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. Pursuant to A.A.C. R9-17-404.03 and R9-17-404.04, this client has demonstrated compliance with Table 3.1 heavy metals limits for six consecutive months as of 12/31/2025 and is exempt from batch heavy metals testing until 03/31/2026.



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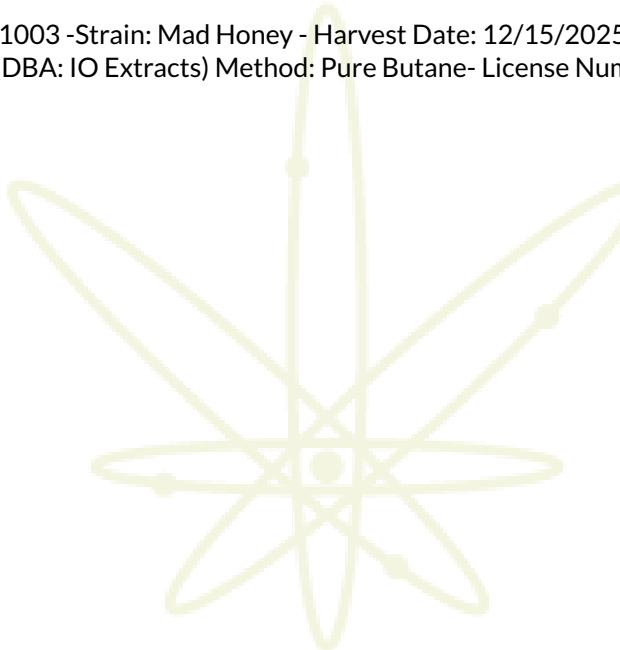
**MADHI251003**

Concentrates & Extracts, Infused/Enhanced Preroll



## Notes from Manufacturer

Flower Input: Batch ID: MADH1003 -Strain: Mad Honey - Harvest Date: 12/15/2025 - Extraction Information: Arizona Golden Leaf Wellness (DBA: IO Extracts) Method: Pure Butane- License Number: 00000067ESBS89254298



**LEVEL ONE  
LABS**



1525 N Granite Reef Rd  
Scottsdale, AZ  
(480) 867-1520  
<http://www.levelonelabs.com>  
Lic# 00000004LCIG00024823



Matthew Schuberth  
Laboratory Director

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