



Northwest Confections Arizona  
 7139 E 22nd St  
 Tucson, AZ 85710  
 License #: 00000116DCJL00597353  
 Sample ID: 2403SMAZ0433.1346  
 Batch #: AZ MG B102



**CERTIFICATE OF ANALYSIS**  
 License #: 00000020LCVT89602592

Certificate: 5129

## Good Tide Mango 100mg THC

Batch #: AZ MG B102  
 Strain: El Chivo  
 Parent Batch #: EC.DC.22924  
 Production Method: Coconut Oil  
 Harvest Date: 09/19/2023  
 Received: 03/27/2024

Sample ID: 2403SMAZ0433.1346  
 Amount Received: 40.5 g  
 Sample Type: Soft Chew  
 Sample Collected: 03/27/2024 10:50:00  
 Manufacture Date: 03/26/2024  
 Published: 04/01/2024



## COMPLIANCE FOR RETAIL

### Regulated Analytes

|   |                                       |                                  |
|---|---------------------------------------|----------------------------------|
| Cannabinoid Profile (Q3)<br><b>Tested</b>                       | Microbial Contaminants<br><b>Pass</b> | Residual Solvents<br><b>Pass</b> |
| Pesticides, Fungicides,<br>and Growth Regulators<br><b>Pass</b> | Mycotoxins<br><b>Pass</b>             | Heavy Metals<br><b>Pass</b>      |

### Additional Analytes (Not Regulated)

|   |   |  |
|---|---|--|
| Terpenes Total (Q3)<br><b>Not Tested</b>  | Molsture Analysis (Q3)<br><b>Not Tested</b> | Water Activity (Q3)<br><b>Not Tested</b>                       |
| Filth & Foreign (Q3)<br><b>Not Tested</b> | Homogeneity (Q3)<br><b>Not Tested</b>       | Additional Microbial<br>Contaminants (Q3)<br><b>Not Tested</b> |

|  |
|--|
| <b>0.280%</b><br>Total THC               |
| <b>&lt;LOQ</b><br>Total CBD              |
| <b>0.002%</b><br>CBN                     |
| <b>0.007%</b><br>CBG                     |
| <b>0.293%</b><br>Total Cannabinoids (Q3) |

Ahmed Munshi  
 Technical Laboratory Director

Smithers CTS Arizona LLC  
 734 W Highland Avenue, 2nd Floor  
 Phoenix, AZ 85013  
 (602) 806-6930



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**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 03/27/2024  
 SOP: 418.AZ  
 Batch Number: 1117

**Sample Analysis**

Date: 03/28/2024  
 SOP: 417.AZ - HPLC  
 Sample Weight: 1.036 g  
 Volume: 10 mL

| Analyte | LOD (mg/g) | LOQ (mg/g) | DIL. | Actual % (w/w) | mg/g  | mg/serving | mg/package | Qualifier |
|---------|------------|------------|------|----------------|-------|------------|------------|-----------|
| CBC     | 0.003      | 0.009      | 1    | 0.003          | 0.026 | 0.105      | 1.053      |           |
| CBD     | 0.003      | 0.009      | 1    | <LOQ           | <LOQ  | <LOQ       | <LOQ       |           |
| CBDA    | 0.003      | 0.009      | 1    | ND             | ND    | ND         | ND         |           |
| CBDV    | 0.003      | 0.009      | 1    | ND             | ND    | ND         | ND         |           |
| CBG     | 0.003      | 0.009      | 1    | 0.007          | 0.068 | 0.275      | 2.754      |           |
| CBGA    | 0.003      | 0.009      | 1    | ND             | ND    | ND         | ND         |           |
| CBN     | 0.003      | 0.009      | 1    | 0.002          | 0.017 | 0.069      | 0.689      |           |
| d8-THC  | 0.003      | 0.009      | 1    | ND             | ND    | ND         | ND         |           |
| d9-THC  | 0.003      | 0.009      | 1    | 0.280          | 2.802 | 11.348     | 113.481    |           |
| THCA    | 0.003      | 0.009      | 1    | <LOQ           | <LOQ  | <LOQ       | <LOQ       |           |
| THCV    | 0.003      | 0.009      | 1    | 0.002          | 0.019 | 0.077      | 0.769      |           |

| Cannabinoid Totals | Actual % (w/w) | mg/g  | mg/serving | mg/package | Qualifier |
|--------------------|----------------|-------|------------|------------|-----------|
| Total THC          | 0.280          | 2.802 | 11.348     | 113.481    |           |
| Total CBD          | <LOQ           | <LOQ  | <LOQ       | <LOQ       |           |
| Total Cannabinoids | 0.293          | 2.931 | 11.871     | 118.706    | Q3        |

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)  
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation  
 Serving Weight: 4.05 None; Servings/Package: 10

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 Sample ID: 2403SMAZ0433.1346  
 Batch #: AZ MG B102



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**Microbial Analysis**  
 Pass

**Sample Prep**

Batch Date: 03/28/2024  
 SOP: 431.AZ  
 Batch Number: 1127

**Sample Analysis**

Date: 03/29/2024  
 SOP: 431.AZ - TEMPO (MPN)  
 Sample Weight: 1.036 g

| Analyte | Allowable Criteria | Actual Result | Pass/Fail | Qualifier |
|---------|--------------------|---------------|-----------|-----------|
| E. coli | < 10 CFU/g         | < 10 CFU/g    | Pass      |           |

**Sample Prep**

Batch Date: 03/28/2024  
 SOP: 406.AZ  
 Batch Number: 1123

**Sample Analysis**

Date: 03/29/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.008 g

| Analyte    | Allowable Criteria       | Actual Result            | Pass/Fail | Qualifier |
|------------|--------------------------|--------------------------|-----------|-----------|
| Salmonella | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |

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 Batch #: AZ MG B102



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**Residual Solvents**

HS-GC-MS **Pass**

**Sample Prep**  
 Batch Date: 03/29/2024  
 SOP: 405.AZ  
 Batch Number: 1129

**Sample Analysis**  
 Date: 04/01/2024  
 SOP: 405.AZ - HS-GC-MS  
 Sample Weight: 0.052 g

| Analyte         | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier | Analyte           | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|-----------------|-----------------|------|--------------------|---------------|-----------|-------------------|-----------------|------|--------------------|---------------|-----------|
| Acetone         | 63 / 192        | 1    | 1000               | <LOQ          |           | Heptane           | 321 / 962       | 1    | 5000               | ND            |           |
| Acetonitrile    | 27 / 79         | 1    | 410                | ND            |           | Hexanes           | 46 / 139        | 1    | 290                | ND            |           |
| Benzene         | 0.13 / 0.38     | 1    | 2                  | ND            |           | Isopropyl acetate | 321 / 962       | 1    | 5000               | ND            |           |
| Butanes         | 160 / 481       | 1    | 5000               | ND            |           | Methanol          | 192 / 577       | 1    | 3000               | ND            |           |
| Chloroform      | 4 / 12          | 1    | 60                 | ND            |           | Pentanes          | 321 / 962       | 1    | 5000               | ND            |           |
| Dichloromethane | 38 / 115        | 1    | 600                | ND            |           | 2-Propanol (IPA)  | 321 / 962       | 1    | 5000               | ND            |           |
| Ethanol         | 321 / 962       | 1    | 5000               | ND            |           | Toluene           | 58 / 171        | 1    | 890                | ND            |           |
| Ethyl acetate   | 321 / 962       | 1    | 5000               | ND            |           | Xylenes           | 279 / 835       | 1    | 2170               | ND            |           |
| Ethyl ether     | 321 / 962       | 1    | 5000               | ND            |           |                   |                 |      |                    |               |           |

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**Heavy Metals**

ICP-MS **Pass**

**Sample Prep**  
 Batch Date: 03/28/2024  
 SOP: 428.AZ  
 Batch Number: 1125

**Sample Analysis**  
 Date: 03/28/2024  
 SOP: 428.AZ - ICP-MS  
 Sample Weight: 0.233 g  
 Volume: 6 mL

| Analyte | LOD (ppm) | LOQ (ppm) | DIL. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------|-----------|-----------|------|--------------------|---------------|-----------|
| Arsenic | 0.017     | 0.172     | 10   | 0.4                | ND            |           |
| Cadmium | 0.017     | 0.172     | 10   | 0.4                | ND            |           |
| Lead    | 0.017     | 0.429     | 10   | 1                  | ND            |           |
| Mercury | 0.017     | 0.086     | 10   | 0.2                | ND            |           |

**Mycotoxin Analysis**

LC-MS/MS **Pass**

**Sample Prep**  
 Batch Date: 03/27/2024  
 SOP: 432.AZ  
 Batch Number: 1121

**Sample Analysis**  
 Date: 03/29/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.533 g  
 Volume: 12.5 mL

| Analyte          | LOD (ppb) | LOQ (ppb) | DIL. | Action Limit (ppb) | Results (ppb) | Qualifier |
|------------------|-----------|-----------|------|--------------------|---------------|-----------|
| Total Aflatoxins | 3.75      | 9.38      | 1    | 20                 | ND            | R1        |
| Aflatoxin B1     | 3.75      | 9.84      | 1    |                    | ND            | R1        |
| Aflatoxin B2     | 3.75      | 9.84      | 1    |                    | ND            | I1        |
| Aflatoxin G1     | 3.75      | 9.84      | 1    |                    | ND            |           |
| Aflatoxin G2     | 3.75      | 4.92      | 1    |                    | ND            |           |
| Ochratoxin A     | 9.38      | 9.84      | 1    | 20                 | ND            | I1, M2    |

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*AM Munshi*

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**Pesticides, Fungicides, and  
 Growth Regulators**  
 LC-MS/MS **Pass**

**Sample Prep**

Batch Date: 03/27/2024  
 SOP: 432.AZ  
 Batch Number: 1121

**Sample Analysis**

Date: 03/29/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.533 g  
 Volume: 12.5 mL

| Analyte             | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier | Analyte            | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------------------|-----------------|------|--------------------|---------------|-----------|--------------------|-----------------|------|--------------------|---------------|-----------|
| Abamectin B1a       | 0.078 / 0.235   | 1    | 0.5                | ND            |           | Hexythiazox        | 0.157 / 0.469   | 1    | 1                  | ND            |           |
| Acaphate            | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Imazail            | 0.031 / 0.094   | 1    | 0.2                | ND            | M2        |
| Acetamiprid         | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Imidacloprid       | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Aldicarb            | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Kresoxim-methyl    | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Axoxystrobin        | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Malathion          | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Bifenazate          | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Metazalyl          | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Bifenthrin          | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Methiocarb         | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Boscalid            | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Methomyl           | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Carbaryl            | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Myclobutanil       | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Carbofuran          | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Naled              | 0.078 / 0.235   | 1    | 0.5                | ND            |           |
| Chlorantraniliprole | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Oxaryl             | 0.157 / 0.469   | 1    | 1                  | ND            |           |
| Chlorfenapyr        | 0.157 / 0.469   | 1    | 1                  | ND            | I1, M1    | Paclobutraol       | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Chlorpyrifos        | 0.031 / 0.094   | 1    | 0.2                | ND            | M1        | Permethrins        | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Clofentezine        | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Phosmet            | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Cyfluthrin          | 0.157 / 0.469   | 1    | 1                  | ND            |           | Piperonyl Butoxide | 0.312 / 0.938   | 1    | 2                  | ND            |           |
| Cypermethrin        | 0.157 / 0.469   | 1    | 1                  | ND            |           | Prallethrin        | 0.031 / 0.094   | 1    | 0.2                | ND            | M1        |
| Daminozide          | 0.157 / 0.469   | 1    | 1                  | ND            |           | Propiconazole      | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Diazinon            | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Propoxur           | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Dichlorvos          | 0.016 / 0.047   | 1    | 0.1                | ND            |           | Pyrethrins         | 0.131 / 0.393   | 1    | 1                  | ND            |           |
| Dimethoate          | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Pyridaben          | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Ethoprophos         | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Spinosad           | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Etofenprox          | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Spiromesifen       | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Etoazole            | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Spirotetramat      | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Fenoxycarb          | 0.031 / 0.094   | 1    | 0.2                | ND            |           | Spiroxamine        | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Fenpyroximate       | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Tebuconazole       | 0.063 / 0.188   | 1    | 0.4                | ND            |           |
| Fipronil            | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Thiacloprid        | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Fonicamid           | 0.157 / 0.469   | 1    | 1                  | ND            |           | Thiamethoxam       | 0.031 / 0.094   | 1    | 0.2                | ND            |           |
| Fludioxonil         | 0.063 / 0.188   | 1    | 0.4                | ND            |           | Trifloxystrobin    | 0.031 / 0.094   | 1    | 0.2                | ND            |           |

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 Batch #: AZ MG B102



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Certificate: 5129

## Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance 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, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- 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.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

**Cultivated By:**

**Manufactured By:**

**Disclaimer:** Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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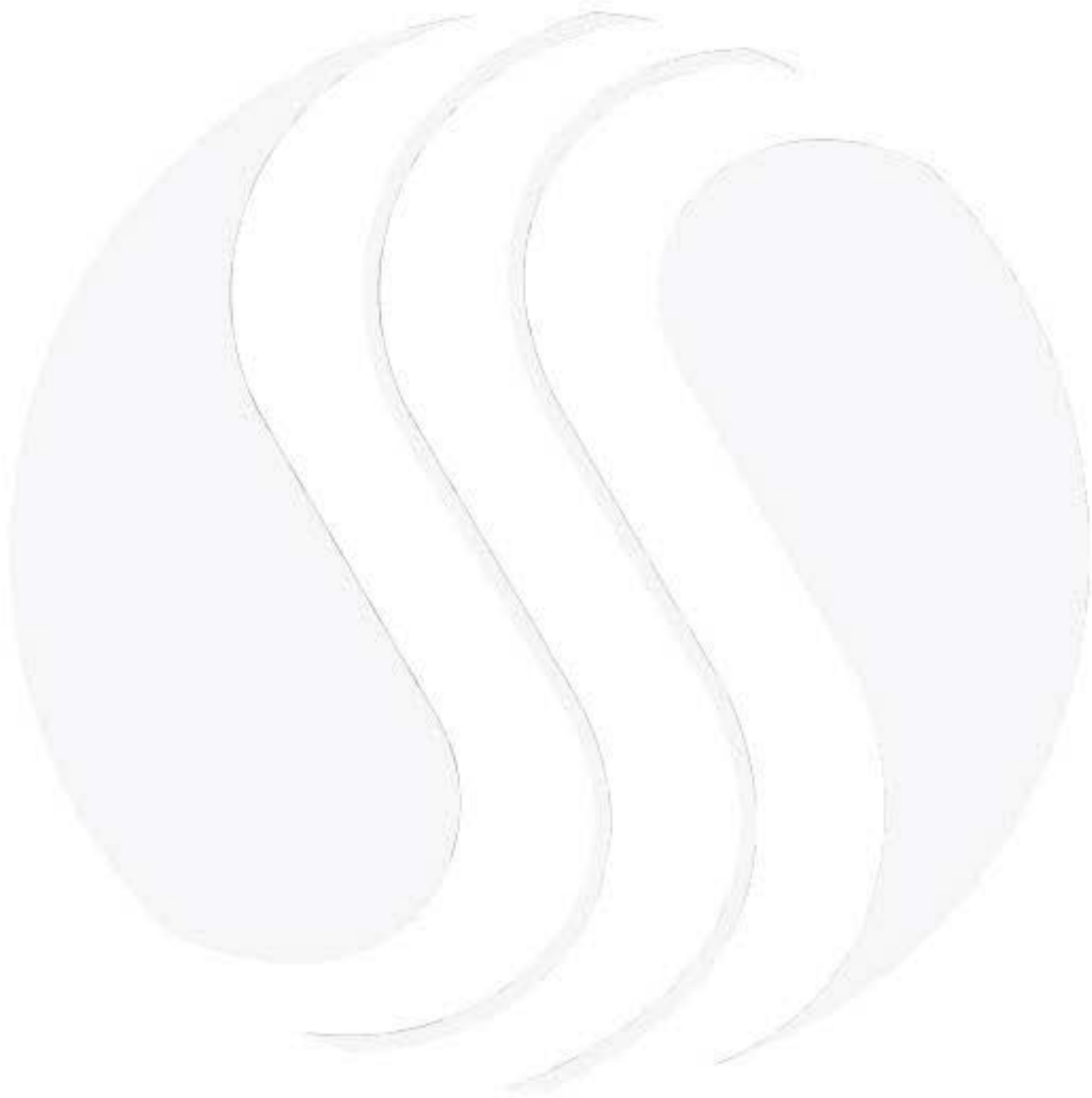
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**Notes:**



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Hi Motion LLC  
 3905 Old State Highway 279  
 Camp Verde  
 AZ  
 86322  
 License #: 00000090E5FB63917979  
 Sample ID: 2402SMAZ0308.0970  
 Batch #: EC.DC.22924



**CERTIFICATE OF ANALYSIS**  
 License #: 00000020LCVT89602592

Certificate: 4643

## El Chivo

Batch #: EC.DC.22924  
 Strain: El Chivo  
 Parent Batch #:  
 Production Method: Ice/Water  
 Harvest Date: 09/19/2023  
 Received: 03/01/2024

Sample ID: 2402SMAZ0308.0970  
 Amount Received: 9.6 g  
 Sample Type: Hash - Oil  
 Sample Collected: 03/01/2024 07:54:00  
 Manufacture Date: 02/29/2024  
 Published: 03/06/2024



## COMPLIANCE FOR RETAIL

### Regulated Analytes

|   |                                       |                                  |
|---|---------------------------------------|----------------------------------|
| Cannabinoid Profile (Q3)<br><b>Tested</b>                       | Microbial Contaminants<br><b>Pass</b> | Residual Solvents<br><b>Pass</b> |
| Pesticides, Fungicides,<br>and Growth Regulators<br><b>Pass</b> | Mycotoxins<br><b>Pass</b>             | Heavy Metals<br><b>Pass</b>      |

### Additional Analytes (Not Regulated)

|   |   |  |
|---|---|--|
| Terpenes Total (Q3)<br><b>Tested</b>      | Molsture Analysis (Q3)<br><b>Not Tested</b> | Water Activity (Q3)<br><b>Not Tested</b>                       |
| Filth & Foreign (Q3)<br><b>Not Tested</b> | Homogeneity (Q3)<br><b>Not Tested</b>       | Additional Microbial<br>Contaminants (Q3)<br><b>Not Tested</b> |

|   |
|---|
| <b>77.418%</b><br>Total THC               |
| <b>0.456%</b><br>Total CBD                |
| <b>0.590%</b><br>CBN                      |
| <b>1.670%</b><br>CBG                      |
| <b>81.627%</b><br>Total Cannabinoids (Q3) |

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Hi Motion LLC  
 3905 Old State Highway 279  
 Camp Verde  
 AZ  
 86322  
 License #: 00000090E5FB63917979  
 Sample ID: 2402SMAZ0308.0970  
 Batch #: EC.DC.22924



**CERTIFICATE OF ANALYSIS**  
 License #: 00000020LCVT89602592

Certificate: 4643

**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 03/05/2024  
 SOP: 418.AZ  
 Batch Number: 1010

**Sample Analysis**

Date: 03/06/2024  
 SOP: 417.AZ - HPLC  
 Sample Weight: 0.0418 g  
 Volume: 40 mL

| Analyte | LOD (mg/g) | LOQ (mg/g) | DIL. | Actual % (w/w) | mg/g    | Qualifier |
|---------|------------|------------|------|----------------|---------|-----------|
| CBC     | 0.308      | 0.935      | 1    | 0.727          | 7.268   |           |
| CBD     | 0.308      | 0.935      | 1    | 0.456          | 4.556   |           |
| CBDA    | 0.308      | 0.935      | 1    | ND             | ND      |           |
| CBDV    | 0.308      | 0.935      | 1    | ND             | ND      |           |
| CBG     | 0.308      | 0.935      | 1    | 1.670          | 16.705  |           |
| CBGA    | 0.308      | 0.935      | 1    | ND             | ND      |           |
| CBN     | 0.308      | 0.935      | 1    | 0.590          | 5.897   |           |
| d8-THC  | 0.308      | 0.935      | 1    | ND             | ND      |           |
| d9-THC  | 0.308      | 0.935      | 1    | 77.418         | 774.179 |           |
| THCA    | 0.308      | 0.935      | 1    | ND             | ND      |           |
| THCV    | 0.308      | 0.935      | 1    | 0.767          | 7.667   |           |

| Cannabinoid Totals | Actual % (w/w) | mg/g    | Qualifier |
|--------------------|----------------|---------|-----------|
| Total THC          | 77.418         | 774.179 |           |
| Total CBD          | 0.456          | 4.556   |           |
| Total Cannabinoids | 81.627         | 816.272 | Q3        |

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)  
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

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**Terpene Total**

GC-FID      Tested (2.0773%)

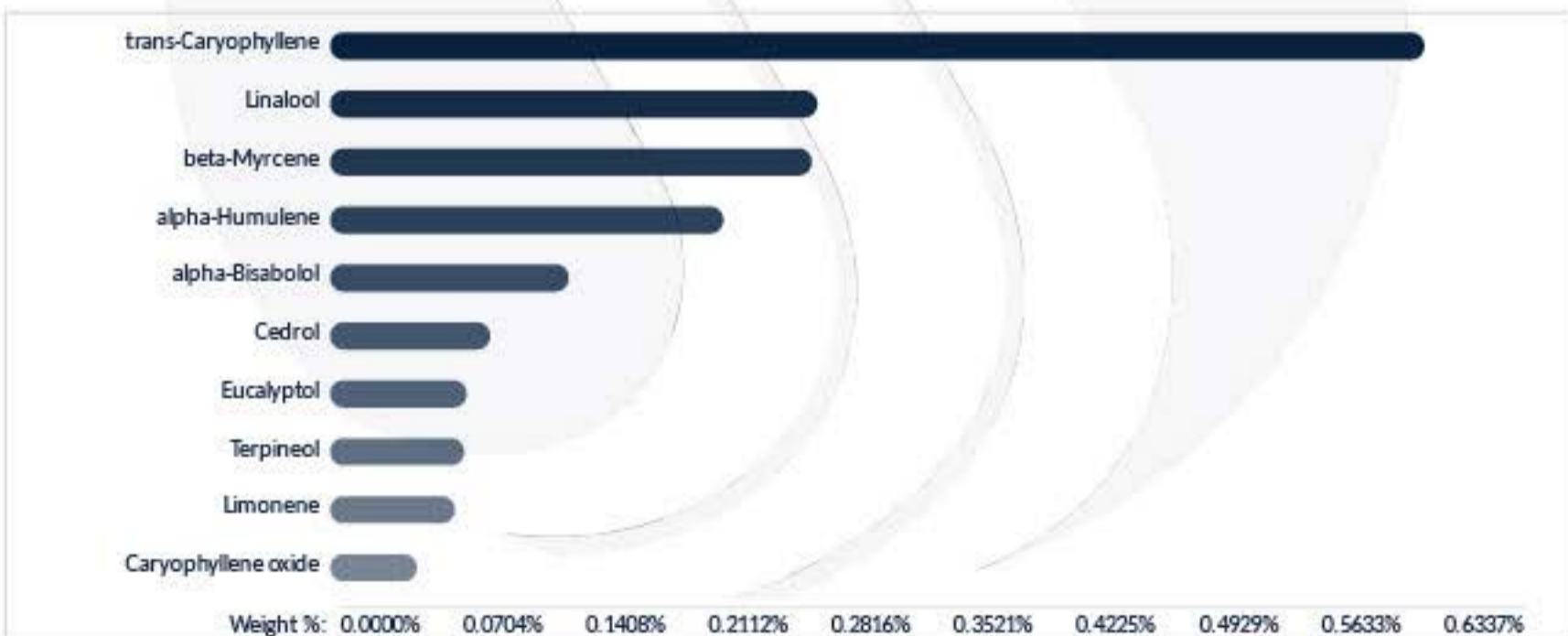
**Sample Prep**

Batch Date: 03/05/2024  
 SOP: 419  
 Batch Number: 1005

**Sample Analysis**

Date: 03/06/2024  
 SOP: 419 - GC-FID  
 Sample Weight: 0.403 g  
 Volume: 10 mL

| Analyte             | LOD / LOQ (%)   | Dil. | Results (%) | Qualifier | Analyte             | LOD / LOQ (%)   | Dil. | Results (%) | Qualifier |
|---------------------|-----------------|------|-------------|-----------|---------------------|-----------------|------|-------------|-----------|
| alpha-Bisabolol     | 0.0010 / 0.0030 | 1    | 0.1380      | Q3        | gamma-Terpinene     | 0.0010 / 0.0030 | 1    | 0.0101      | Q3        |
| alpha-Cedrene       | 0.0010 / 0.0030 | 1    | ND          | Q3        | Geraniol            | 0.0010 / 0.0030 | 1    | <LOQ        | Q3        |
| alpha-Humulene      | 0.0010 / 0.0030 | 1    | 0.2276      | Q3        | Geranyl acetate     | 0.0010 / 0.0030 | 1    | 0.0351      | Q3        |
| alpha-Phellandrene  | 0.0010 / 0.0030 | 1    | <LOQ        | Q3        | Guaiol              | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| alpha-Pinene        | 0.0010 / 0.0030 | 1    | 0.0115      | Q3        | Hexahydrothymol     | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| alpha-Terpinene     | 0.0010 / 0.0030 | 1    | 0.0036      | Q3        | Isoborneol          | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| beta-Myrcene        | 0.0010 / 0.0030 | 1    | 0.2788      | Q3        | Isopulegol          | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| beta-Pinene         | 0.0010 / 0.0030 | 1    | 0.0117      | Q3        | Limonene            | 0.0010 / 0.0030 | 1    | 0.0720      | Q3        |
| Borneol             | 0.0010 / 0.0030 | 1    | 0.0121      | Q3        | Linalool            | 0.0010 / 0.0030 | 1    | 0.2820      | Q3        |
| Camphene            | 0.0010 / 0.0030 | 1    | 0.0030      | Q3        | Nerol               | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| Camphor             | 0.0010 / 0.0030 | 1    | ND          | Q3        | Pulegone (+)        | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| 3-Carene            | 0.0010 / 0.0030 | 1    | ND          | Q3        | Sabinene Hydrate    | 0.0010 / 0.0030 | 1    | <LOQ        | Q3        |
| Caryophyllene oxide | 0.0010 / 0.0030 | 1    | 0.0499      | Q3        | Terpineol           | 0.0010 / 0.0030 | 1    | 0.0774      | Q3        |
| Cedrol              | 0.0010 / 0.0030 | 1    | 0.0925      | Q3        | Terpinolene         | 0.0010 / 0.0030 | 1    | <LOQ        | Q3        |
| cis-Nerolidol       | 0.0010 / 0.0030 | 1    | ND          | Q3        | trans-Caryophyllene | 0.0010 / 0.0030 | 1    | 0.6337      | Q3        |
| cis-Ocimene         | 0.0010 / 0.0030 | 1    | ND          | Q3        | trans-Nerolidol     | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| Fenchyl alcohol     | 0.0010 / 0.0030 | 1    | 0.0308      | Q3        | trans-Ocimene       | 0.0010 / 0.0030 | 1    | 0.0287      | Q3        |
| Eucalyptol          | 0.0010 / 0.0030 | 1    | 0.0788      | Q3        | Valencene           | 0.0010 / 0.0030 | 1    | ND          | Q3        |
| Fenchone            | 0.0010 / 0.0030 | 1    | ND          | Q3        |                     |                 |      |             |           |



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 86322  
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 Batch #: EC.DC.22924



**CERTIFICATE OF ANALYSIS**  
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Certificate: 4643

**Microbial Analysis**  
 Pass

**Sample Prep**

Batch Date: 03/04/2024  
 SOP: 431.AZ  
 Batch Number: 1000

**Sample Analysis**

Date: 03/05/2024  
 SOP: 431.AZ - TEMPO (MPN)  
 Sample Weight: 1.043 g

| Analyte | Allowable Criteria | Actual Result | Pass/Fail | Qualifier |
|---------|--------------------|---------------|-----------|-----------|
| E. coli | < 100 CFU/g        | < 10 CFU/g    | Pass      |           |

**Sample Prep**

Batch Date: 03/04/2024  
 SOP: 406.AZ  
 Batch Number: 998

**Sample Analysis**

Date: 03/05/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.0001 g

| Analyte    | Allowable Criteria       | Actual Result            | Pass/Fail | Qualifier |
|------------|--------------------------|--------------------------|-----------|-----------|
| Salmonella | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |

**Sample Prep**

Batch Date: 03/04/2024  
 SOP: 406.AZ  
 Batch Number: 998

**Sample Analysis**

Date: 03/05/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.0001 g

| Analyte               | Allowable Criteria       | Actual Result            | Pass/Fail | Qualifier |
|-----------------------|--------------------------|--------------------------|-----------|-----------|
| Aspergillus flavus    | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |
| Aspergillus fumigatus | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |
| Aspergillus niger     | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |
| Aspergillus terreus   | Not Detected in One Gram | Not Detected in One Gram | Pass      |           |

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### Residual Solvents

HS-GC-MS

Pass

### Sample Prep

Batch Date: 03/01/2024  
 SOP: 405.AZ  
 Batch Number: 989

### Sample Analysis

Date: 03/06/2024  
 SOP: 405.AZ - HS-GC-MS  
 Sample Weight: 0.0523 g

| Analyte         | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier | Analyte           | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|-----------------|-----------------|------|--------------------|---------------|-----------|-------------------|-----------------|------|--------------------|---------------|-----------|
| Acetone         | 63 / 191        | 1    | 1000               | <LOQ          |           | Heptane           | 319 / 956       | 1    | 5000               | ND            |           |
| Acetonitrile    | 27 / 78         | 1    | 410                | ND            |           | Hexanes           | 46 / 139        | 1    | 290                | ND            |           |
| Benzene         | 0.13 / 0.38     | 1    | 2                  | ND            |           | Isopropyl acetate | 319 / 956       | 1    | 5000               | ND            |           |
| Butanes         | 159 / 478       | 1    | 5000               | ND            |           | Methanol          | 191 / 574       | 1    | 3000               | ND            |           |
| Chloroform      | 4 / 11          | 1    | 60                 | ND            |           | Pentanes          | 319 / 956       | 1    | 5000               | ND            |           |
| Dichloromethane | 38 / 115        | 1    | 600                | ND            |           | 2-Propanol (IPA)  | 319 / 956       | 1    | 5000               | ND            |           |
| Ethanol         | 319 / 956       | 1    | 5000               | ND            |           | Toluene           | 57 / 170        | 1    | 890                | ND            |           |
| Ethyl acetate   | 319 / 956       | 1    | 5000               | ND            |           | Xylenes           | 277 / 830       | 1    | 2170               | ND            |           |
| Ethyl ether     | 319 / 956       | 1    | 5000               | ND            |           |                   |                 |      |                    |               |           |

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Certificate: 4643

**Heavy Metals**

ICP-MS **Pass**

**Sample Prep**

Batch Date: N/A  
 SOP: 428.AZ  
 Batch Number:

**Sample Analysis**

Date: 03/06/2024  
 SOP: 428.AZ - ICP-MS  
 Sample Weight: 0.237 g  
 Volume: 6 mL

| Analyte | LOD (ppm) | LOQ (ppm) | DIL. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------|-----------|-----------|------|--------------------|---------------|-----------|
| Arsenic | 0.020     | 0.200     | 10   | 0.4                | ND            |           |
| Cadmium | 0.020     | 0.200     | 10   | 0.4                | ND            |           |
| Lead    | 0.020     | 0.500     | 10   | 1                  | ND            |           |
| Mercury | 0.020     | 0.100     | 10   | 0.2                | ND            |           |

**Mycotoxin Analysis**

LC-MS/MS **Pass**

**Sample Prep**

Batch Date: 03/05/2024  
 SOP: 432.AZ  
 Batch Number: 1004

**Sample Analysis**

Date: 03/06/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.515 g  
 Volume: 12.5 mL

| Analyte          | LOD (ppb) | LOQ (ppb) | DIL. | Action Limit (ppb) | Results (ppb) | Qualifier   |
|------------------|-----------|-----------|------|--------------------|---------------|-------------|
| Total Aflatoxins | 3.88      | 9.71      | 1    | 20                 | ND            | L1 M2 R1 V1 |
| Aflatoxin B1     | 3.88      | 9.23      | 1    |                    | ND            | L1 M2       |
| Aflatoxin B2     | 3.88      | 9.23      | 1    |                    | ND            | M2          |
| Aflatoxin G1     | 3.88      | 9.23      | 1    |                    | ND            | L1 V1       |
| Aflatoxin G2     | 3.88      | 4.61      | 1    |                    | ND            | I1, R1      |
| Ochratoxin A     | 9.71      | 9.23      | 1    | 20                 | ND            | I1, L1 M2   |

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Certificate: 4643

**Pesticides, Fungicides, and  
 Growth Regulators**  
 LC-MS/MS **Pass**

**Sample Prep**

Batch Date: 03/05/2024  
 SOP: 432.AZ  
 Batch Number: 1004

**Sample Analysis**

Date: 03/06/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.515 g  
 Volume: 12.5 mL

| Analyte             | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier | Analyte            | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------------------|-----------------|------|--------------------|---------------|-----------|--------------------|-----------------|------|--------------------|---------------|-----------|
| Abamectin B1a       | 0.081 / 0.243   | 1    | 0.5                | ND            | M2        | Hexythiazox        | 0.162 / 0.485   | 1    | 1                  | ND            | M2        |
| Acaphate            | 0.065 / 0.194   | 1    | 0.4                | ND            |           | Imazail            | 0.032 / 0.097   | 1    | 0.2                | ND            |           |
| Acetamiprid         | 0.032 / 0.097   | 1    | 0.2                | ND            |           | Imidacloprid       | 0.065 / 0.194   | 1    | 0.4                | ND            |           |
| Aldicarb            | 0.065 / 0.194   | 1    | 0.4                | ND            |           | Kresoxim-methyl    | 0.065 / 0.194   | 1    | 0.4                | ND            | M2        |
| Axoxystrobin        | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Malathion          | 0.032 / 0.097   | 1    | 0.2                | ND            | V1        |
| Bifenazate          | 0.032 / 0.097   | 1    | 0.2                | ND            |           | Metazalyl          | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Bifenthrin          | 0.032 / 0.097   | 1    | 0.2                | ND            | M2 V1     | Methiocarb         | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Boscalid            | 0.065 / 0.194   | 1    | 0.4                | ND            | M2        | Methomyl           | 0.065 / 0.194   | 1    | 0.4                | ND            |           |
| Carbaryl            | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Myclobutanil       | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Carbofuran          | 0.032 / 0.097   | 1    | 0.2                | ND            |           | Naled              | 0.081 / 0.243   | 1    | 0.5                | ND            | M2        |
| Chlorantraniliprole | 0.032 / 0.097   | 1    | 0.2                | ND            | M2 V1     | Oxamyl             | 0.162 / 0.485   | 1    | 1                  | ND            |           |
| Chlorfenapyr        | 0.162 / 0.485   | 1    | 1                  | ND            | I1, M2 V1 | Paclobutraol       | 0.065 / 0.194   | 1    | 0.4                | ND            | M2 V1     |
| Chlorpyrifos        | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Permethrins        | 0.032 / 0.097   | 1    | 0.2                | ND            | I1, M2 V1 |
| Clofentezine        | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Phosmet            | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Cyfluthrin          | 0.162 / 0.485   | 1    | 1                  | ND            | M2 V1     | Piperonyl Butoxide | 0.323 / 0.971   | 1    | 2                  | ND            | M2        |
| Cypermethrin        | 0.162 / 0.485   | 1    | 1                  | ND            | M2 V1     | Prallethrin        | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Daminozide          | 0.162 / 0.485   | 1    | 1                  | ND            | M2        | Propiconazole      | 0.065 / 0.194   | 1    | 0.4                | ND            | M2 V1     |
| Diazinon            | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Propoxur           | 0.032 / 0.097   | 1    | 0.2                | ND            |           |
| Dichlorvos          | 0.017 / 0.049   | 1    | 0.1                | ND            |           | Pyrethrins         | 0.136 / 0.407   | 1    | 1                  | ND            | M2        |
| Dimethoate          | 0.032 / 0.097   | 1    | 0.2                | ND            |           | Pyridaben          | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Ethoprophos         | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Spinosad           | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Etofenprox          | 0.065 / 0.194   | 1    | 0.4                | ND            | M2        | Spiromesifen       | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Etoazole            | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        | Spirotetramat      | 0.032 / 0.097   | 1    | 0.2                | ND            |           |
| Fenoxycarb          | 0.032 / 0.097   | 1    | 0.2                | ND            | M2 V1     | Spiroxamine        | 0.065 / 0.194   | 1    | 0.4                | ND            | M2        |
| Fenpyroximate       | 0.065 / 0.194   | 1    | 0.4                | ND            | M2 V1     | Tebuconazole       | 0.065 / 0.194   | 1    | 0.4                | ND            | M2 V1     |
| Fipronil            | 0.065 / 0.194   | 1    | 0.4                | ND            |           | Thiacloprid        | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |
| Fonicamid           | 0.162 / 0.485   | 1    | 1                  | ND            |           | Thiamethoxam       | 0.032 / 0.097   | 1    | 0.2                | ND            |           |
| Fludioxonil         | 0.065 / 0.194   | 1    | 0.4                | ND            | M2        | Trifloxystrobin    | 0.032 / 0.097   | 1    | 0.2                | ND            | M2        |

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 Sample ID: 2402SMAZ0308.0970  
 Batch #: EC.DC.22924



**CERTIFICATE OF ANALYSIS**  
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Certificate: 4643

## Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance 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, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- 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.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

**Cultivated By:**

**Manufactured By:**

**Disclaimer:** Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC  
 734 W Highland Avenue, 2nd Floor  
 Phoenix, AZ 85013  
 (602) 806-6930



The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>





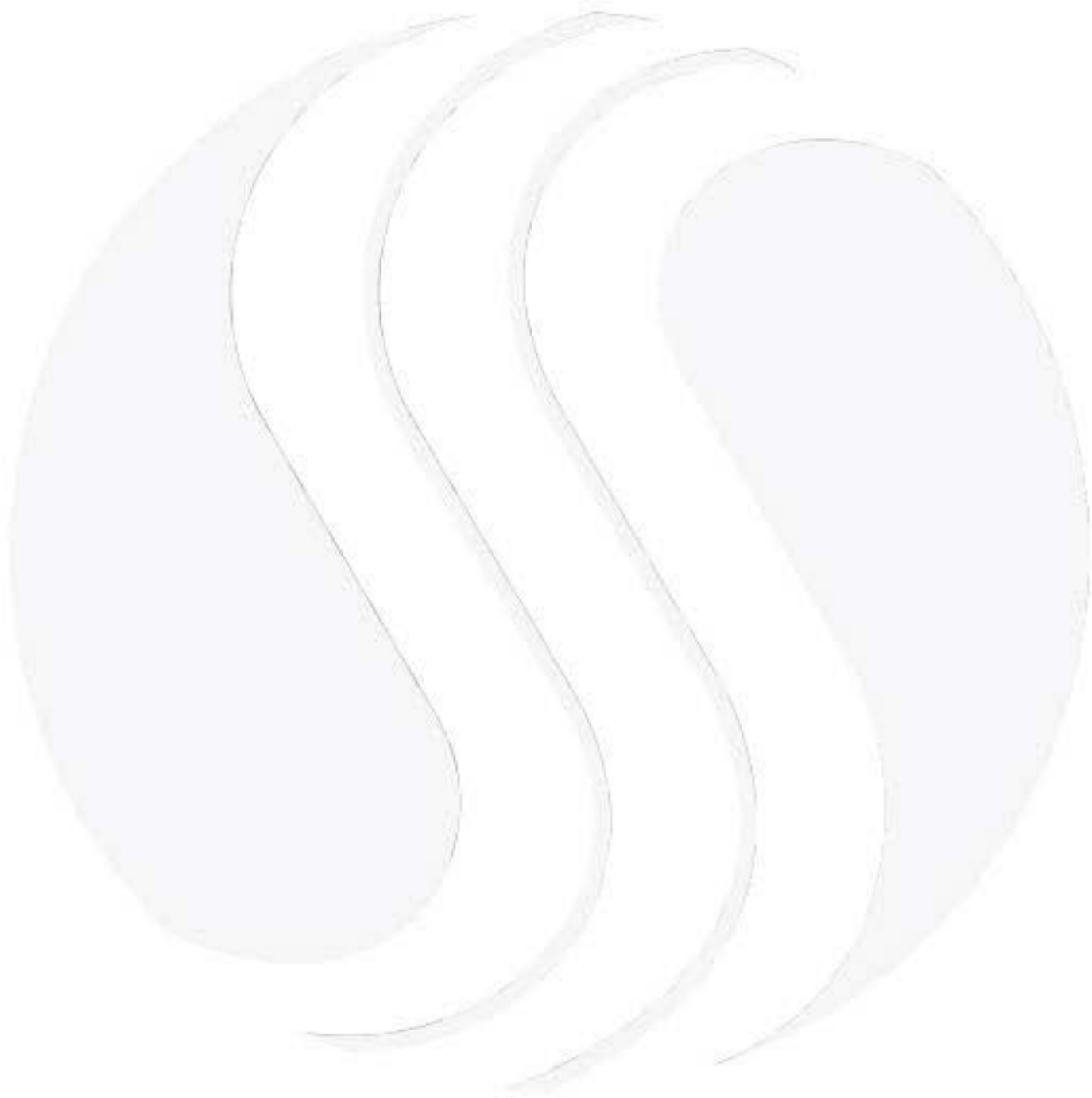
Hi Motion LLC  
 3905 Old State Highway 279  
 Camp Verde  
 AZ  
 86322  
 License #: 00000090E5FB63917979  
 Sample ID: 2402SMAZ0308.0970  
 Batch #: EC.DC.22924



**CERTIFICATE OF ANALYSIS**  
 License #: 00000020LCVT89602592

Certificate: 4643

**Notes:**



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