

**SUMMARY OF ANALYSIS (SAMPLE ID: SA35049)**

|  |                               |                          |                                   |
|--|-------------------------------|--------------------------|-----------------------------------|
| <b>Testing Location:</b>   | <b>Customer ID:</b> 2168      | <b>Order ID:</b> OR10416 | <b>Sample Type:</b> Primary       |
| Arkansas   | River Valley Relief MIPS      | <b>Lot Number:</b>       | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.   | 5601 Old Greenwood Rd Suite C | M00065C13246623704       | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058   | Fort Smith, AR 72903          | <b>Production Run:</b>   | <b>Date Collected:</b> 04/24/2023 |
| License: ADH 113   | License: 00065C               | E20230417ICMLS01         | <b>Date Received:</b> 04/24/2023  |
| <b>Cultivar (Strain) or Sample Description:</b> Ice Cream Man Hybrid Live Sugar 1g Jar |                               |                          | <b>Date Completed:</b> 04/27/2023 |

\*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed. All contaminant action levels are referenced from the State of Arkansas MMJ testing guidelines.

**Moisture Content (%)**

Not Tested

**Water Activity (aw)**

Not Tested

**PASS/FAIL**

**PASS**

Moisture content/water activity action levels are referenced from the State of Arkansas MMJ testing guidelines.

Moisture content levels less than 15% are recommended but the sample does not fail. Water activity levels must be less than 0.65aw.

| <b>Cannabinoids (Top 3)</b> | <b>(%)</b> | <b>mg/g</b> |
|-----------------------------|------------|-------------|
| THCA                        | 89.6       | 896         |
| Δ9-THC                      | 4.77       | 47.7        |
| CBGA                        | 1.18       | 11.8        |
| TOTAL CBD                   | -          | -           |
| TOTAL THC                   | 83.4       | 834         |
| TOTAL CANNABINOIDS          | 95.9       | 959         |

| <b>Terpenes (Top 5)</b> | <b>(%)</b> | <b>µg/g</b> |
|-------------------------|------------|-------------|
| Terpinolene             | 1.56       | 15600       |
| β-Myrcene               | 1.02       | 10200       |
| d-Limonene              | 0.449      | 4490        |
| β-Ocimene               | 0.202      | 2020        |
| β-Pinene                | 0.201      | 2010        |
| TOTAL TERPENES          | 4.38       | 43800       |

| <b>Contaminants</b> | <b>PASS/FAIL</b> |
|---------------------|------------------|
| Heavy Metals:       | <b>PASS</b>      |
| Microbiology:       | <b>PASS</b>      |
| Pesticides:         | <b>PASS</b>      |
| Residual Solvents:  | <b>PASS</b>      |

**Sample Picture Upon Receipt**



Scan the QR code to verify results.

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|                          |                               |                          |                                   |
|--------------------------|-------------------------------|--------------------------|-----------------------------------|
| <b>Testing Location:</b> | <b>Customer ID:</b> 2168      | <b>Order ID:</b> OR10416 | <b>Sample Type:</b> Primary       |
| Arkansas                 | River Valley Relief MIPS      | <b>Lot Number:</b>       | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.     | 5601 Old Greenwood Rd Suite C | M00065C13246623704       | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058     | Fort Smith, AR 72903          | <b>Production Run:</b>   | <b>Date Collected:</b> 04/24/2023 |
| License: ADH 113         | License: 00065C               | E20230417ICMLS01         | <b>Date Received:</b> 04/24/2023  |

**Cultivar (Strain) or Sample Description:** Ice Cream Man Hybrid Live Sugar 1g Jar **Date Completed:** 04/27/2023

**CANNABINOID (POTENCY) PROFILE (SOP: SOP-CANN-001)**

**Analysis Date/Time:** 04/25/2023 1645

**Method:** HPLC/DAD

**Moisture Content (%):** -

**Analyst:** PW

**Instrument:** Agilent 1100

**Water Activity (aw):** -

| <u>Cannabinoid</u> | <u>Result</u><br>(%) | <u>Result</u><br>(mg/g) | <u>LOD</u><br>(mg/g) | <u>LOQ</u><br>(mg/g) | <u>Result</u><br>(mg/<br>mL) | <u>Per</u><br><u>Serving</u><br>(mg) | <u>Per</u><br><u>Unit</u><br>(mg) |
|--------------------|----------------------|-------------------------|----------------------|----------------------|------------------------------|--------------------------------------|-----------------------------------|
| CBC                | ND                   | ND                      | 0.533                | 1.24                 | -                            | -                                    | -                                 |
| CBCA               | ND                   | ND                      | 1.66                 | 3.86                 | -                            | -                                    | -                                 |
| CBD                | ND                   | ND                      | 3.76                 | 8.78                 | -                            | -                                    | -                                 |
| CBDV               | ND                   | ND                      | 0.604                | 1.41                 | -                            | -                                    | -                                 |
| CBDVA              | ND                   | ND                      | 1.61                 | 3.76                 | -                            | -                                    | -                                 |
| CBG                | ND                   | ND                      | 2.44                 | 5.70                 | -                            | -                                    | -                                 |
| CBGA               | 1.18                 | 11.8                    | 1.75                 | 4.08                 | -                            | 11.8                                 | 11.8                              |
| CBL                | ND                   | ND                      | 2.82                 | 6.59                 | -                            | -                                    | -                                 |
| CBN                | <LOQ                 | <LOQ                    | 1.30                 | 3.03                 | -                            | -                                    | -                                 |
| CBNA               | ND                   | ND                      | 1.40                 | 3.26                 | -                            | -                                    | -                                 |
| Δ9-THC             | 4.77                 | 47.7                    | 1.55                 | 3.62                 | -                            | 47.7                                 | 47.7                              |
| Δ8-THC             | ND                   | ND                      | 2.42                 | 5.66                 | -                            | -                                    | -                                 |
| THCA               | 89.6                 | 896                     | 0.842                | 1.97                 | -                            | 896                                  | 896                               |
| THCV               | ND                   | ND                      | 2.02                 | 4.71                 | -                            | -                                    | -                                 |
| THCVA              | 0.300                | 3.00                    | 0.646                | 1.50                 | -                            | 3.00                                 | 3.00                              |
| <b>TOTAL</b>       | <b>95.9</b>          | <b>959</b>              |                      |                      | -                            | <b>959</b>                           | <b>959</b>                        |
| <b>TOTAL CBC</b>   | -                    | -                       |                      |                      | -                            | -                                    | -                                 |
| <b>TOTAL CBD</b>   | -                    | -                       |                      |                      | -                            | -                                    | -                                 |
| <b>TOTAL CBDV</b>  | -                    | -                       |                      |                      | -                            | -                                    | -                                 |
| <b>TOTAL CBG</b>   | 1.04                 | 10.4                    |                      |                      | -                            | 10.4                                 | 10.4                              |
| <b>TOTAL CBN</b>   | -                    | -                       |                      |                      | -                            | -                                    | -                                 |
| <b>TOTAL THC</b>   | 83.4                 | 834                     |                      |                      | -                            | 834                                  | 834                               |
| <b>TOTAL THCVA</b> | 0.260                | 2.60                    |                      |                      | -                            | 2.60                                 | 2.60                              |



**SERVING MASS (g):** 1.00  
**SERVINGS/UNIT:** 1

"-" Not detected above LOD.

*Deviations from standard operating procedure:*  
None

*Recoveries for all analyte standards:* 90-110%  
*Replicate Uncertainties:* <5% RSD, <20% RPD  
*Sample/Reagent Blanks:* <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total CBC = (CBCA x 0.877) + CBC  
Total CBD = (CBDV x 0.877) + CBD  
Total CBDV = (CBDVA x 0.867) + CBDV  
Total CBG = (CBGA x 0.878) + CBG  
Total CBN = (CBNA x 0.876) + CBN  
Total THC = (THCA x 0.877) + Δ9-THC  
Total THCVA = (THCVA x 0.867) + THCVA

Percentage results are reported by mass.

mg/g results are reported as mass component per mass material.

\* CBCA, CBDVA, CBL, CBNA, and THCVA are in process of being added to our accreditation scope.

*Abbreviations:* DAD - Diode Array Detector, HPLC - High Pressure Liquid Chromatography,  
RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation,  
DET - Detected (less than LOQ), LOD - Limit of Detection, LOQ - Limit of Quantitation,  
UM - Measurement Uncertainty

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|  |                               |                          |                                   |
|--|-------------------------------|--------------------------|-----------------------------------|
| <b>Testing Location:</b>   | <b>Customer ID:</b> 2168      | <b>Order ID:</b> OR10416 | <b>Sample Type:</b> Primary       |
| Arkansas   | River Valley Relief MIPS      | <b>Lot Number:</b>       | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.   | 5601 Old Greenwood Rd Suite C | M00065C13246623704       | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058   | Fort Smith, AR 72903          | <b>Production Run:</b>   | <b>Date Collected:</b> 04/24/2023 |
| License: ADH 113   | License: 00065C               | E20230417ICMLS01         | <b>Date Received:</b> 04/24/2023  |
| <b>Cultivar (Strain) or Sample Description:</b> Ice Cream Man Hybrid Live Sugar 1g Jar |                               |                          | <b>Date Completed:</b> 04/27/2023 |

**TERPENOID PROFILE**

**Analysis Date/Time:** 04/25/2023 1920

**Method:** GC/MS

**Deviations from SOP:**

**Analyst:** KF

**Instrument:** Agilent 7890/5975

None

| <b>Terpene</b>      | <b>Result (µg/g)</b> | <b>Result (%)</b> |  |
|---------------------|----------------------|-------------------|--|
| α-Bisabolol         | -                    | -                 |  |
| Camphene            | 583                  | 0.0583            |  |
| δ-3-Carene          | 872                  | 0.0872            |  |
| β-Caryophyllene     | 1580                 | 0.158             |  |
| Caryophyllene oxide | -                    | -                 |  |
| p-Cymene            | 523                  | 0.0523            |  |
| Eucalyptol          | 327                  | 0.0327            |  |
| Geraniol            | -                    | -                 |  |
| Guaiol              | -                    | -                 |  |
| α-Humulene          | 963                  | 0.0963            |  |
| Isopulegol          | -                    | -                 |  |
| d-Limonene          | 4490                 | 0.449             |  |
| Linalool            | 975                  | 0.0975            |  |
| β-Myrcene           | 10200                | 1.02              |  |
| cis-Nerolidol       | -                    | -                 |  |
| trans-Nerolidol     | 491                  | 0.0491            |  |
| α-Ocimene           | -                    | -                 |  |
| β-Ocimene           | 2020                 | 0.202             |  |
| α-Pinene            | 1370                 | 0.137             |  |
| β-Pinene            | 2010                 | 0.201             |  |
| α-Terpinene         | 995                  | 0.0995            |  |
| γ-Terpinene         | 785                  | 0.0785            |  |
| Terpinolene         | 15600                | 1.56              |  |
| <b>TOTAL</b>        | <b>43800</b>         | <b>4.38</b>       |  |



**Abbreviations:** GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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"-" Not detected above RL.

**Reporting Limit (µg/g): 46.8**

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



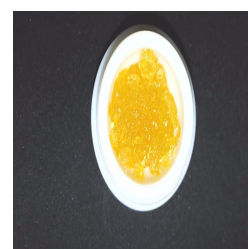
**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|  |                               |                          |                                   |
|--|-------------------------------|--------------------------|-----------------------------------|
| <b>Testing Location:</b>   | <b>Customer ID:</b> 2168      | <b>Order ID:</b> OR10416 | <b>Sample Type:</b> Primary       |
| Arkansas   | River Valley Relief MIPS      | <b>Lot Number:</b>       | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.   | 5601 Old Greenwood Rd Suite C | M00065C13246623704       | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058   | Fort Smith, AR 72903          | <b>Production Run:</b>   | <b>Date Collected:</b> 04/24/2023 |
| License: ADH 113   | License: 00065C               | E20230417ICMLS01         | <b>Date Received:</b> 04/24/2023  |
| <b>Cultivar (Strain) or Sample Description:</b> Ice Cream Man Hybrid Live Sugar 1g Jar |                               |                          | <b>Date Completed:</b> 04/27/2023 |

**RESIDUAL SOLVENT PROFILE (SOP: SOP-RS-001)**

|  |                                      |                             |
|--|--------------------------------------|-----------------------------|
| <b>Analysis Date/Time:</b> 04/26/2023 0934 | <b>Method:</b> HS/GC/MS              | <b>Deviations from SOP:</b> |
| <b>Analyst:</b> KF                         | <b>Instrument:</b> Agilent 7890/5975 | None                        |

| <u>Solvent</u>                   | <u>Result</u><br>(µg/g) | <u>LOD</u><br>(µg/g) | <u>LOQ</u><br>(µg/g) | <u>Action Level</u><br>(µg/g) | <u>Solvent</u>                    | <u>Result</u><br>(µg/g) | <u>LOD</u><br>(µg/g) | <u>LOQ</u><br>(µg/g) | <u>Action Level</u><br>(µg/g) |
|----------------------------------|-------------------------|----------------------|----------------------|-------------------------------|-----------------------------------|-------------------------|----------------------|----------------------|-------------------------------|
| Acetone (67-64-1)                | -                       | 37.2                 | 74.4                 | 5000                          | n-Heptane (142-82-5)              | -                       | 37.2                 | 74.4                 | 5000                          |
| Acetonitrile (75-5-8)            | -                       | 37.2                 | 74.4                 | 410                           | n-Hexane (110-54-3)               | -                       | 13.0                 | 26.0                 | 290                           |
| Benzene (71-43-2)                | -                       | 0.372                | 0.744                | 2                             | Isobutane (75-28-5)               | -                       | 37.2                 | 74.4                 | 5000                          |
| n-Butane (106-97-2)              | 414                     | 37.2                 | 74.4                 | 5000                          | Isopropanol (67-63-0)             | -                       | 37.2                 | 74.4                 | 5000                          |
| 1-Butanol (71-36-3)              | -                       | 37.2                 | 74.4                 | 5000                          | Isopropyl acetate (108-21-4)      | -                       | 37.2                 | 74.4                 | 5000                          |
| 2-Butanol (78-92-2)              | -                       | 37.2                 | 74.4                 | 5000                          | Isopropyl benzene (98-82-8)       | -                       | 3.72                 | 7.44                 | 70                            |
| 2-Butanone (78-93-3)             | -                       | 37.2                 | 74.4                 | 5000                          | Methanol (67-56-1)                | -                       | 37.2                 | 74.4                 | 3000                          |
| Cyclohexane (110-82-7)           | -                       | 37.2                 | 74.4                 | 3880                          | 2-Methylbutane (78-78-4)          | -                       | 37.2                 | 74.4                 | 5000                          |
| 1,2-Dimethoxyethane (110-71-4)   | -                       | 3.72                 | 7.44                 | 100                           | Methylene chloride (75-9-2)       | -                       | 37.2                 | 74.4                 | 600                           |
| N,N-Dimethylacetamide (127-19-5) | -                       | 37.2                 | 74.4                 | 1090                          | 2-Methylpentane (107-83-5)        | -                       | 13.0                 | 26.0                 | 290                           |
| 2,2-Dimethylbutane (75-83-2)     | -                       | 13.0                 | 26.0                 | 290                           | 3-Methylpentane (96-10-0)         | -                       | 13.0                 | 26.0                 | 290                           |
| 2,3-Dimethylbutane (79-29-8)     | -                       | 13.0                 | 26.0                 | 290                           | n-Pentane (109-66-0)              | -                       | 37.2                 | 74.4                 | 5000                          |
| N,N-Dimethylformamide (68-12-2)  | -                       | 37.2                 | 74.4                 | 880                           | 1-Pentanol (71-41-0)              | -                       | 37.2                 | 74.4                 | 5000                          |
| Dimethylsulfoxide (67-68-5)      | -                       | 37.2                 | 74.4                 | 5000                          | n-Propane (74-98-6)               | -                       | 37.2                 | 74.4                 | 5000                          |
| 1,4-Dioxane (123-91-1)           | -                       | 37.2                 | 74.4                 | 380                           | 1-Propanol (71-23-8)              | -                       | 37.2                 | 74.4                 | 5000                          |
| Ethanol (64-17-5)                | -                       | 37.2                 | 74.4                 | 5000                          | Pyridine (110-86-1)               | -                       | 13.0                 | 26.0                 | 200                           |
| 2-Ethoxyethanol (110-80-5)       | -                       | 13.0                 | 26.0                 | 160                           | Tetrahydrofuran (109-99-9)        | -                       | 37.2                 | 74.4                 | 720                           |
| Ethyl ether (60-29-7)            | -                       | 37.2                 | 74.4                 | 5000                          | Tetramethylene sulfone (126-33-0) | -                       | 13.0                 | 26.0                 | 160                           |
| Ethyl acetate (141-78-6)         | -                       | 37.2                 | 74.4                 | 5000                          | Toluene (108-88-3)                | -                       | 37.2                 | 74.4                 | 890                           |
| Ethyl benzene (100-41-4)         | -                       | 37.2                 | 74.4                 | 2170                          | o-Xylene (95-47-6)                | -                       | 37.2                 | 74.4                 | 2170                          |
| Ethylene glycol (107-21-1)       | -                       | 37.2                 | 74.4                 | 620                           | m,p-Xylene (108-38-3 or 106-42-3) | -                       | 37.2                 | 74.4                 | 2170                          |
| Ethylene oxide (75-21-8)         | -                       | 3.72                 | 7.44                 | 50                            | Xylenes* (1330-20-7)              | -                       | 43.3                 | 86.7                 | 2170                          |



**Color Key**

**RESULT < AL**

**RESULT > AL**

"DET" detected less than LOQ

"-" not detected above LOD

"\*" - o,m,p-Xylene and Ethylbenzene

Action levels are referenced from the State of Arkansas MMJ testing guidelines.

A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

| <u>Solvent</u>        | <u>Synonym(s)</u>        | <u>Solvent</u>         | <u>Synonym(s)</u>           |
|-----------------------|--------------------------|------------------------|-----------------------------|
| Acetonitrile          | Methyl Cyanide, ACN      | Ethylene glycol        | 1,2-Ethanediol              |
| 1-Butanol             | n-Butanol, Butyl Alcohol | Isobutane              | 2-Methylpropane             |
| 2-Butanol             | sec-Butyl alcohol        | Isopropanol            | 2-Propanol, IPA             |
| 2-Butanone            | Methyl ethyl ketone, MEK | Isopropyl Acetate      | Acetic acid isopropyl ester |
| 1,2-Dimethoxyethane   | Monoglyme                | Methanol               | Methyl alcohol              |
| 2,3-Dimethylbutane    | Neohexane                | 2-Methylbutane         | Isopentane                  |
| 2,3-Dimethylbutane    | Diisopropyl              | Methylene chloride     | Dichloromethane             |
| N,N-Dimethylformamide | DMF                      | 2-Methylpentane        | Isohexane                   |
| Dimethylsulfoxide     | DMSO                     | 1-Pentanol             | n-Amyl alcohol              |
| 2-Ethoxyethanol       | Cellosolve, Ethyl glycol | 1-Propanol             | Propyl alcohol              |
| Ethyl ether           | Diethyl ether, Ether     | Tetrahydrofuran        | THF                         |
| Ethyl acetate         | EtOAc                    | Tetramethylene sulfone | Sulfolane                   |
| Ethyl benzene         | Phenylethane             | Xylene                 | Dimethylbenzene             |

**Abbreviations:** HS-Headspace, GC-Gas Chromatography, MS-Mass Spectrometry, RL-Reporting Limit, AL-Action Level, CAS-Chemical Abstract Services, LOD - Limit of Detection, LOQ - Limit of Quantification

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Laboratory Director





**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|  |  |  |   |
|--|--|--|---|
| <b>Testing Location:</b><br>Arkansas<br>232 S. Broadview St.<br>Greenbrier, AR 72058<br>License: ADH 113 | <b>Customer ID:</b> 2168<br>River Valley Relief MIPS<br>5601 Old Greenwood Rd Suite C<br>Fort Smith, AR 72903<br>License: 00065C | <b>Order ID:</b> OR10416<br><b>Lot Number:</b> M00065C13246623704<br><b>Production Run:</b> E20230417ICMLS01 | <b>Sample Type:</b> Primary<br><b>Matrix:</b> Concentrate<br><b>Mass:</b> 4g<br><b>Date Collected:</b> 04/24/2023<br><b>Date Received:</b> 04/24/2023 |
|--|--|--|---|

**Cultivar (Strain) or Sample Description:** Ice Cream Man Hybrid Live Sugar 1g Jar **Date Completed:** 04/27/2023

**PESTICIDES PROFILE (SOP: SOP-PEST-001)**

**Analysis Date/Time:** 04/25/2023 1807

**Analyst:** KF

**Method:** LC/MS/MS

**Instrument:** Shimadzu LC-8050

**Deviations from SOP:**

None

| Pesticide                         | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Action Level (µg/g) | Pesticide                     | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Action Level (µg/g) |
|-----------------------------------|---------------|------------|------------|---------------------|-------------------------------|---------------|------------|------------|---------------------|
| Abamectin (71751-41-2)            | -             | 0.0468     | 0.375      | 0.5                 | Kresoxim-methyl (143390-89-0) | -             | 0.0468     | 0.375      | 0.4                 |
| Acephate (30560-19-1)             | -             | 0.0468     | 0.375      | 0.4                 | Malathion (121-75-5)          | -             | 0.0468     | 0.375      | 0.2                 |
| Acetaminophen (57960-19-7)        | -             | 0.0468     | 0.375      | 2                   | Metalaxyl (57837-19-1)        | -             | 0.0468     | 0.375      | 0.2                 |
| Acetamiprid (135410-20-7)         | -             | 0.0468     | 0.375      | 0.2                 | Methiocarb (2032-65-7)        | -             | 0.0468     | 0.375      | 0.2                 |
| Aldicarb (116-06-3)               | -             | 0.0468     | 0.375      | 0.4                 | Methomyl (16752-77-5)         | -             | 0.0468     | 0.375      | 0.4                 |
| Azoxystrobin (131860-33-8)        | -             | 0.0468     | 0.375      | 0.2                 | Methyl parathion (298-0-0)    | -             | 0.0468     | 0.375      | 0.2                 |
| Bifenazate (149877-41-8)          | -             | 0.0468     | 0.375      | 0.2                 | MGK 264 (113-48-4)            | -             | 0.0468     | 0.375      | 0.2                 |
| Bifenthrin (82657-04-3)           | -             | 0.0468     | 0.375      | 0.2                 | Myclobutanil (88671-89-0)     | -             | 0.0468     | 0.375      | 0.2                 |
| Boscalid (188425-85-6)            | -             | 0.0468     | 0.375      | 0.4                 | Naled (300-76-5)              | -             | 0.0468     | 0.375      | 0.5                 |
| Carbaryl (63-25-2)                | -             | 0.0468     | 0.375      | 0.2                 | Oxamyl (23135-22-0)           | -             | 0.0468     | 0.375      | 1                   |
| Carbofuran (1563-66-2)            | -             | 0.0468     | 0.375      | 0.2                 | Paclobutrazol (76738-62-0)    | -             | 0.0468     | 0.375      | 0.4                 |
| Chlorantraniliprole (800008-45-7) | -             | 0.0468     | 0.375      | 0.2                 | Permethrins (52645-53-1)      | -             | 0.0468     | 0.375      | 0.2                 |
| Chlorfenapyr (122453-73-0)        | -             | 0.0468     | 0.375      | 1                   | Phosmet (732-11-6)            | -             | 0.0468     | 0.375      | 0.2                 |
| Chlorpyrifos (2921-88-2)          | -             | 0.0468     | 0.375      | 0.2                 | Piperonyl butoxide (51-03-6)  | -             | 0.0468     | 0.375      | 2                   |
| Clofentezine (74115-24-5)         | -             | 0.0468     | 0.375      | 0.2                 | Prallethrin (2331-36-9)       | -             | 0.0468     | 0.375      | 0.2                 |
| Cyfluthrin (68359-37-5)           | -             | 0.0468     | 0.375      | 1                   | Propiconazole (60207-90-1)    | -             | 0.0468     | 0.375      | 0.4                 |
| Cypermethrin (52315-07-8)         | -             | 0.0468     | 0.375      | 1                   | Propoxur (114-26-1)           | -             | 0.0468     | 0.375      | 0.2                 |
| Daminozide (1596-84-5)            | -             | 0.0468     | 0.375      | 1                   | Pyrethrins (8003-34-7)        | -             | 0.0468     | 0.375      | 1                   |
| DDVP (62-73-7)                    | -             | 0.0468     | 0.375      | 0.1                 | Pyridaben (96489-71-3)        | -             | 0.0468     | 0.375      | 0.2                 |
| Diazinon (333-41-5)               | -             | 0.0468     | 0.375      | 0.2                 | Spinosad (168316-95-8)        | -             | 0.0468     | 0.375      | 0.2                 |
| Dimethoate (60-51-5)              | -             | 0.0468     | 0.375      | 0.2                 | Spiromesifen (283594-90-1)    | -             | 0.0468     | 0.375      | 0.2                 |
| Ethoprophos (13194-48-4)          | -             | 0.0468     | 0.375      | 0.2                 | Spirotetramat (203313-25-1)   | -             | 0.0468     | 0.375      | 0.2                 |
| Etofenprox (80844-07-1)           | -             | 0.0468     | 0.375      | 0.4                 | Spiroxamine (118134-30-8)     | -             | 0.0468     | 0.375      | 0.4                 |
| Etazoxole (153233-91-1)           | -             | 0.0468     | 0.375      | 0.2                 | Tebuconazole (80443-41-0)     | -             | 0.0468     | 0.375      | 0.4                 |
| Fenoxycarb (72490-01-8)           | -             | 0.0468     | 0.375      | 0.2                 | Thiacloprid (111988-49-9)     | -             | 0.0468     | 0.375      | 0.2                 |
| (E)-Fenpyroximate (134098-61-6)   | -             | 0.0468     | 0.375      | 0.4                 | Thiamethoxam (153719-23-4)    | -             | 0.0468     | 0.375      | 0.2                 |
| Fipronil (120068-37-3)            | -             | 0.0468     | 0.375      | 0.4                 | Trifloxystrobin (141517-21-7) | -             | 0.0468     | 0.375      | 0.2                 |
| Flonicamid (158062-67-0)          | -             | 0.0468     | 0.375      | 1                   |                               |               |            |            |                     |
| Fludioxinil (131341-86-1)         | -             | 0.0468     | 0.375      | 0.4                 |                               |               |            |            |                     |
| Hexythiazox (78587-05-0)          | -             | 0.0468     | 0.375      | 1                   |                               |               |            |            |                     |
| Imazalil (35554-44-0)             | -             | 0.0468     | 0.375      | 0.2                 |                               |               |            |            |                     |
| Imidacloprid (138261-41-3)        | -             | 0.0468     | 0.375      | 0.4                 |                               |               |            |            |                     |



**Color Key**

**RESULT < AL**

**RESULT > AL**

"DET" detected less than LOQ

"-" not detected above LOD

Permethrins measured as the cumulative residue of the *cis*- and *trans*- permethrin isomers.

Pyrethrins measured as the cumulative residue of the pyrethrin I, cinerin I, and jasmolin I isomers.

Action levels are referenced from the State of Arkansas MMJ testing guidelines.

A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

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Abbreviations: LC - Liquid Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level, CAS - Chemical Abstract Services, LOD - Limit of Detection, LOQ - Limit of Quantification

| Pesticide   | Synonym(s) | Pesticide    | Synonym(s) | Pesticide     | Synonym(s) |
|-------------|------------|--------------|------------|---------------|------------|
| Cyfluthrin  | Baythroid  | Myclobutanil | Systhane   | Propiconazole | Tilt       |
| DDVP        | Dichlorvos | Naled        | Dibrom     | Propoxur      | Baygon     |
| Ethoprophos | Prophos    | Phosmet      | Imidan     |               |            |

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|  |                               |                          |                                   |
|--|-------------------------------|--------------------------|-----------------------------------|
| <b>Testing Location:</b>   | <b>Customer ID:</b> 2168      | <b>Order ID:</b> OR10416 | <b>Sample Type:</b> Primary       |
| Arkansas   | River Valley Relief MIPS      | <b>Lot Number:</b>       | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.   | 5601 Old Greenwood Rd Suite C | M00065C13246623704       | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058   | Fort Smith, AR 72903          | <b>Production Run:</b>   | <b>Date Collected:</b> 04/24/2023 |
| License: ADH 113   | License: 00065C               | E20230417ICMLS01         | <b>Date Received:</b> 04/24/2023  |
| <b>Cultivar (Strain) or Sample Description:</b> Ice Cream Man Hybrid Live Sugar 1g Jar |                               |                          | <b>Date Completed:</b> 04/27/2023 |

**HEAVY METAL PROFILE (SOP: SOP-ICP-200.7)**

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| <b>Analysis Date/Time:</b> 04/25/2023 1743 (ICP/OES) | <b>Method:</b> ICP/OES            | <b>Deviations from SOP:</b> |
| <b>Analysis Date/Time:</b> - (DMA)                   | <b>Instrument:</b> Agilent 720-ES | None                        |
| <b>Analyst:</b> KF                                   |                                   |                             |

| <b>Heavy Metal</b> | <b>Result<br/>(µg/kg)</b> | <b>LOD<br/>(µg/kg)</b> | <b>LOQ<br/>(µg/kg)</b> | <b>Action Level<br/>(µg/kg)</b> |
|--------------------|---------------------------|------------------------|------------------------|---------------------------------|
| Arsenic (As)       | -                         | 57.8                   | 91.5                   | 200                             |
| Cadmium (Cd)       | -                         | 57.8                   | 91.5                   | 200                             |
| Lead (Pb)          | -                         | 57.8                   | 91.5                   | 500                             |
| Mercury (Hg)       | -                         | 57.8                   | 91.5                   | 100                             |



**Abbreviations:** ICP - Inductively-Coupled Plasma, OES - Optical Emission Spectroscopy,  
DMA - Direct Mercury Analyzer, RL - Reporting Limit, AL - Action Level, LOD - Limit of Detection, LOQ - Limit of Quantitation

**Color Key**

|                       |
|-----------------------|
| <b>RESULT &lt; AL</b> |
| <b>RESULT &gt; AL</b> |

"DET" detected less than LOQ

"-" not detected above LOD

Action levels for heavy metals are referenced from the State of Arkansas MMJ testing guidelines.

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*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35049)**

|  |                               |                           |                                   |
|--|-------------------------------|---------------------------|-----------------------------------|
| <b>Testing Location:</b>   | <b>Customer ID:</b> 2168      | <b>Sample ID:</b> SA35049 | <b>Sample Type:</b> Primary       |
| Arkansas   | River Valley Relief MIPS      | <b>Lot Number:</b>        | <b>Matrix:</b> Concentrate        |
| 232 S. Broadview St.   | 5601 Old Greenwood Rd Suite C | M00065C13246623704        | <b>Mass:</b> 4g                   |
| Greenbrier, AR 72058   | Fort Smith, AR 72903          | <b>Production Run:</b>    | <b>Date Collected:</b> 04/24/2023 |
| License: ADA 05_H273   | License: 00065C               | E20230417ICMLS01          | <b>Date Received:</b> 04/24/2023  |
| <b>Cultivar (Strain) or Sample Description:</b> Ice Cream Man Hybrid Live Sugar 1g Jar |                               |                           | <b>Date Completed:</b> 04/27/2023 |

**MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)**

|  |   |                             |
|--|---|-----------------------------|
| <b>Analysis Date/Time:</b> 20230426 1104 | <b>Method:</b> Hardy Diagnostics CompactDry | <b>Deviations from SOP:</b> |
| <b>Analyst:</b> PW                       | <b>Instrument:</b> Thermo Incubator         | None                        |

| <b>Bacteria/Microbe</b>    | <b>Result (CFU/g)</b> | <b>Action Level (CFU/g)</b> |
|----------------------------|-----------------------|-----------------------------|
| Aerobic Plate Count        | NT                    | -                           |
| Coliforms, Total           | Absent                | 1                           |
| Escherichia Coli (E. Coli) | Absent                | 100                         |
| Mold/Yeast                 | NT                    | -                           |
| Pseudomonas aeruginosa     | NT                    | 1                           |
| Salmonella spp.            | NT                    | -                           |
| Staphylococcus aureus      | NT                    | -                           |



**Abbreviations:** EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit,  
AL - Action Level, TNTC - Too Numerous To Count, NT - Not Tested  
Absent - Not Detected Above RL, Present - Detected Above RL

**Color Key**

RESULT < AL

RESULT > AL

**Reporting Limit (CFU/g)**

1

Action levels for microbiology are referenced from the State of Arkansas MMJ testing guidelines.  
A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

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