

SUMMARY OF ANALYSIS (SAMPLE ID: SA38642)

| | | | |
|---|-------------------------------|--------------------------|-----------------------------------|
| Testing Location: | Customer ID: 2168 | Order ID: OR11147 | Sample Type: Primary |
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13229972552 | Mass: 1ea |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 08/15/2024 |
| License: ADH 113 | License: 00065C | P20240812GHEE09 | Date Received: 08/15/2024 |
| Cultivar (Strain) or Sample Description: ARV-Infused Ghee Butter 600mg Jar | | | Date Completed: 08/19/2024 |

*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.

| Cannabinoids (Top 3) | (%) | mg/g |
|-----------------------------|------------|-------------|
| Δ9-THC | 0.657 | 6.57 |
| CBG | 0.0256 | 0.256 |
| Δ8-THC | 0.0221 | 0.221 |
| TOTAL CBD | 0.00743 | 0.0743 |
| TOTAL THC | 0.657 | 6.57 |
| TOTAL CANNABINOIDS | 0.727 | 7.27 |

| Terpenes (Top 5) | (%) | µg/g |
|-------------------------|------------|-------------|
| Caryophyllene oxide | 0.00421 | 42.1 |
| Eucalyptol | 0.000548 | 5.48 |
| α-Bisabolol | | |
| Camphene | | |
| δ-3-Carene | | |
| TOTAL TERPENES | 0.00476 | 47.6 |

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

Sample Picture Upon Receipt



Scan the QR code to verify results.

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www.FASTLaboratories.com

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA38642)

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

Analysis Date/Time: 08/16/2024 1344
Analyst: PW

Method: HPLC/DAD
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): -

| <u>Cannabinoid</u> | <u>Result</u> (%) | <u>Result</u> (mg/g) | <u>LOD</u> (mg/g) | <u>LOQ</u> (mg/g) | <u>Result</u> (mg/ mL) | <u>Per</u> <u>Serving</u> (mg) | <u>Per</u> <u>Unit</u> (mg) |
|--------------------|----------------------|-------------------------|----------------------|----------------------|------------------------------|--------------------------------------|-----------------------------------|
| CBC | ND | ND | 0.00213 | 0.00496 | - | - | - |
| CBCA | ND | ND | 0.00660 | 0.0154 | - | - | - |
| CBD | 0.00743 | 0.0743 | 0.0150 | 0.0350 | - | 0.111 | 6.69 |
| CBDa | ND | ND | 0.00552 | 0.0129 | - | - | - |
| CBDV | ND | ND | 0.00241 | 0.00561 | - | - | - |
| CBDVA | ND | ND | 0.00642 | 0.0150 | - | - | - |
| CBG | 0.0256 | 0.256 | 0.00973 | 0.0227 | - | 0.383 | 23.0 |
| CBGA | ND | ND | 0.0138 | 0.0163 | - | - | - |
| CBL | ND | ND | 0.0112 | 0.0263 | - | - | - |
| CBN | 0.0151 | 0.151 | 0.00517 | 0.0121 | - | 0.227 | 13.6 |
| CBNA | ND | ND | 0.00558 | 0.0130 | - | - | - |
| Δ9-THC | 0.657 | 6.57 | 0.00619 | 0.0144 | - | 9.86 | 591 |
| Δ8-THC | 0.0221 | 0.221 | 0.00966 | 0.0225 | - | 0.332 | 19.9 |
| THCA | ND | ND | 0.00336 | 0.00785 | - | - | - |
| THCV | ND | ND | 0.00806 | 0.0188 | - | - | - |
| THCVA | ND | ND | 0.00257 | 0.00599 | - | - | - |
| TOTAL | 0.727 | 7.27 | | | - | 10.9 | 655 |
| TOTAL CBC | - | - | | | - | - | - |
| TOTAL CBD | 0.00743 | 0.0743 | | | - | 0.111 | 6.69 |
| TOTAL CBDV | - | - | | | - | - | - |
| TOTAL CBG | 0.0256 | 0.256 | | | - | 0.383 | 23.0 |
| TOTAL CBN | 0.0151 | 0.151 | | | - | 0.227 | 13.6 |
| TOTAL THC | 0.657 | 6.57 | | | - | 9.86 | 591 |
| TOTAL | - | - | | | - | - | - |
| THCV | - | - | | | - | - | - |



SERVING MASS (g): 1.50
SERVINGS/UNIT: 60

"-" 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 = (CBDa 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 THCV = (THCVA x 0.867) + THCV

Percentage results are reported by mass.

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

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



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TERPENOID PROFILE

Analysis Date/Time: 08/16/2024 2120

Method: GC/MS

Deviations from SOP:

Analyst: KF

Instrument: Agilent 7890/5975

None

| Terpene | Result (µg/g) | Result (%) | |
|---------------------|----------------------|-------------------|--|
| α-Bisabolol | ND | - | |
| Camphene | ND | - | |
| δ-3-Carene | ND | - | |
| β-Caryophyllene | ND | - | |
| Caryophyllene oxide | 42.1 | 0.00421 | |
| p-Cymene | ND | - | |
| Eucalyptol | 5.48 | 0.000548 | |
| Geraniol | ND | - | |
| Guaiol | ND | - | |
| α-Humulene | ND | - | |
| Isopulegol | ND | - | |
| d-Limonene | ND | - | |
| Linalool | ND | - | |
| β-Myrcene | ND | - | |
| cis-Nerolidol | ND | - | |
| trans-Nerolidol | ND | - | |
| α-Ocimene | <LOQ | - | |
| β-Ocimene | ND | - | |
| α-Pinene | ND | - | |
| β-Pinene | ND | - | |
| α-Terpinene | ND | - | |
| γ-Terpinene | ND | - | |
| Terpinolene | ND | - | |
| TOTAL | 47.6 | 0.00476 | |



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

Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitation

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Reporting Limit (µg/g): 4.66

"-" Not detected above LOD.

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Kyle W. Felling
Kyle W. Felling, Ph.D.
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RESIDUAL SOLVENT PROFILE (SOP: SOP-RS-001)

| | | |
|--|--------------------------------------|-----------------------------|
| Analysis Date/Time: 08/16/2024 0318 | Method: HS/GC/MS | Deviations from SOP: |
| Analyst: KF | Instrument: Agilent 7890/5975 | None |

| <u>Solvent</u> | <u>Result</u> (µg/g) | <u>LOD</u> (µg/g) | <u>LOQ</u> (µg/g) | <u>Action Level</u> (µg/g) | <u>Solvent</u> | <u>Result</u> (µg/g) | <u>LOD</u> (µg/g) | <u>LOQ</u> (µg/g) | <u>Action Level</u> (µg/g) |
|----------------------------------|-------------------------|----------------------|----------------------|-------------------------------|-----------------------------------|-------------------------|----------------------|----------------------|-------------------------------|
| Acetone (67-64-1) | - | 36.5 | 73.0 | 5000 | n-Heptane (142-82-5) | - | 36.5 | 73.0 | 5000 |
| Acetonitrile (75-5-8) | - | 36.5 | 73.0 | 410 | n-Hexane (110-54-3) | - | 12.8 | 25.5 | 290 |
| Benzene (71-43-2) | - | 0.365 | 0.730 | 2 | Isobutane (75-28-5) | - | 36.5 | 73.0 | 5000 |
| n-Butane (106-97-2) | - | 36.5 | 73.0 | 5000 | Isopropanol (67-63-0) | - | 36.5 | 73.0 | 5000 |
| 1-Butanol (71-36-3) | - | 36.5 | 73.0 | 5000 | Isopropyl acetate (108-21-4) | - | 36.5 | 73.0 | 5000 |
| 2-Butanol (78-92-2) | - | 36.5 | 73.0 | 5000 | Isopropyl benzene (98-82-8) | - | 3.65 | 7.30 | 70 |
| 2-Butanone (78-93-3) | - | 36.5 | 73.0 | 5000 | Methanol (67-56-1) | - | 36.5 | 73.0 | 3000 |
| Cyclohexane (110-82-7) | - | 36.5 | 73.0 | 3880 | 2-Methylbutane (78-78-4) | - | 36.5 | 73.0 | 5000 |
| 1,2-Dimethoxyethane (110-71-4) | - | 3.65 | 7.30 | 100 | Methylene chloride (75-9-2) | - | 36.5 | 73.0 | 600 |
| N,N-Dimethylacetamide (127-19-5) | - | 36.5 | 73.0 | 1090 | 2-Methylpentane (107-83-5) | - | 12.8 | 25.5 | 290 |
| 2,2-Dimethylbutane (75-83-2) | - | 12.8 | 25.5 | 290 | 3-Methylpentane (96-10-0) | - | 12.8 | 25.5 | 290 |
| 2,3-Dimethylbutane (79-29-8) | - | 12.8 | 25.5 | 290 | n-Pentane (109-66-0) | - | 36.5 | 73.0 | 5000 |
| N,N-Dimethylformamide (68-12-2) | - | 36.5 | 73.0 | 880 | 1-Pentanol (71-41-0) | - | 36.5 | 73.0 | 5000 |
| Dimethylsulfoxide (67-68-5) | - | 36.5 | 73.0 | 5000 | n-Propane (74-98-6) | - | 36.5 | 73.0 | 5000 |
| 1,4-Dioxane (123-91-1) | - | 36.5 | 73.0 | 380 | 1-Propanol (71-23-8) | - | 36.5 | 73.0 | 5000 |
| Ethanol (64-17-5) | - | 36.5 | 73.0 | 5000 | Pyridine (110-86-1) | - | 12.8 | 25.5 | 200 |
| 2-Ethoxyethanol (110-80-5) | - | 12.8 | 25.5 | 160 | Tetrahydrofuran (109-99-9) | - | 36.5 | 73.0 | 720 |
| Ethyl ether (60-29-7) | - | 36.5 | 73.0 | 5000 | Tetramethylene sulfone (126-33-0) | - | 12.8 | 25.5 | 160 |
| Ethyl acetate (141-78-6) | - | 36.5 | 73.0 | 5000 | Toluene (108-88-3) | - | 36.5 | 73.0 | 890 |
| Ethyl benzene (100-41-4) | - | 36.5 | 73.0 | 2170 | o-Xylene (95-47-6) | - | 36.5 | 73.0 | 2170 |
| Ethylene glycol (107-21-1) | - | 36.5 | 73.0 | 620 | m,p-Xylene (108-38-3 or 106-42-3) | - | 36.5 | 73.0 | 2170 |
| Ethylene oxide (75-21-8) | - | 3.65 | 7.30 | 50 | Xylenes* (1330-20-7) | - | 43.3 | 86.7 | 2170 |



Color Key

RESULT < AL

RESULT > AL

"-" not detected above
1/2 Action Level

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

Analysis Date/Time: 08/17/2024 0746

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) | - | 0.00932 | 0.0746 | 0.5 | Kresoxim-methyl (143390-89-0) | - | 0.00932 | 0.0746 | 0.4 |
| Acephate (30560-19-1) | - | 0.00932 | 0.0746 | 0.4 | Malathion (121-75-5) | - | 0.00932 | 0.0746 | 0.2 |
| Acetamiprid (135410-20-7) | - | 0.00932 | 0.0746 | 2 | Metalaxyl (57837-19-1) | - | 0.00932 | 0.0746 | 0.2 |
| Aldicarb (116-06-3) | - | 0.00932 | 0.0746 | 0.4 | Methiocarb (2032-65-7) | - | 0.00932 | 0.0746 | 0.2 |
| Azoxystrobin (131860-33-8) | - | 0.00932 | 0.0746 | 0.2 | Methomyl (16752-77-5) | - | 0.00932 | 0.0746 | 0.4 |
| Bifenazate (149877-41-8) | - | 0.00932 | 0.0746 | 0.2 | Methyl parathion (298-0-0) | - | 0.00932 | 0.0746 | 0.2 |
| Bifenthrin (82657-04-3) | - | 0.00932 | 0.0746 | 0.2 | MGK 264 (113-48-4) | - | 0.00932 | 0.0746 | 0.2 |
| Boscalid (188425-85-6) | - | 0.00932 | 0.0746 | 0.4 | Myclobutanil (88671-89-0) | - | 0.00932 | 0.0746 | 0.2 |
| Carbaryl (63-25-2) | - | 0.00932 | 0.0746 | 0.2 | Naled (300-76-5) | - | 0.00932 | 0.0746 | 0.5 |
| Carbofuran (1563-66-2) | - | 0.00932 | 0.0746 | 0.2 | Oxamyl (23135-22-0) | - | 0.00932 | 0.0746 | 1 |
| Chlorantraniliprole (800008-45-7) | - | 0.00932 | 0.0746 | 0.2 | Paclobutrazol (76738-62-0) | - | 0.00932 | 0.0746 | 0.4 |
| Chlorfenapyr (122453-73-0) | - | 0.00932 | 0.0746 | 1 | Permethrins (52645-53-1) | - | 0.00932 | 0.0746 | 0.2 |
| Chlorpyrifos (2921-88-2) | - | 0.00932 | 0.0746 | 0.2 | Phosmet (732-11-6) | - | 0.00932 | 0.0746 | 0.2 |
| Clofentezine (74115-24-5) | - | 0.00932 | 0.0746 | 0.2 | Piperonyl butoxide (51-03-6) | - | 0.00932 | 0.0746 | 2 |
| Cyfluthrin (68359-37-5) | - | 0.00932 | 0.0746 | 1 | Prallethrins (2331-36-9) | - | 0.00932 | 0.0746 | 0.2 |
| Cypermethrin (52315-07-8) | - | 0.00932 | 0.0746 | 1 | Propiconazole (60207-90-1) | - | 0.00932 | 0.0746 | 0.4 |
| Daminozide (1596-84-5) | - | 0.00932 | 0.0746 | 1 | Propoxur (114-26-1) | - | 0.00932 | 0.0746 | 0.2 |
| DDVP (62-73-7) | - | 0.00932 | 0.0746 | 0.1 | Pyrethrins (8003-34-7) | - | 0.00932 | 0.0746 | 1 |
| Diazinon (333-41-5) | - | 0.00932 | 0.0746 | 0.2 | Pyridaben (96489-71-3) | - | 0.00932 | 0.0746 | 0.2 |
| Dimethoate (60-51-5) | - | 0.00932 | 0.0746 | 0.2 | Spinosad (168316-95-8) | - | 0.00932 | 0.0746 | 0.2 |
| Ethoprophos (13194-48-4) | - | 0.00932 | 0.0746 | 0.2 | Spiromesifen (283594-90-1) | - | 0.00932 | 0.0746 | 0.2 |
| Etofenprox (80844-07-1) | - | 0.00932 | 0.0746 | 0.4 | Spirotetramat (203313-25-1) | - | 0.00932 | 0.0746 | 0.2 |
| Etiozazole (153233-91-1) | - | 0.00932 | 0.0746 | 0.2 | Spiroxamine (118134-30-8) | - | 0.00932 | 0.0746 | 0.4 |
| Fenoxycarb (72490-01-8) | - | 0.00932 | 0.0746 | 0.2 | Tebuconazole (80443-41-0) | - | 0.00932 | 0.0746 | 0.4 |
| (E)-Fenpyroximate (134098-61-6) | - | 0.00932 | 0.0746 | 0.4 | Thiacloprid (111988-49-9) | - | 0.00932 | 0.0746 | 0.2 |
| Fipronil (120068-37-3) | - | 0.00932 | 0.0746 | 0.4 | Thiamethoxam (153719-23-4) | - | 0.00932 | 0.0746 | 0.2 |
| Flonicamid (158062-67-0) | - | 0.00932 | 0.0746 | 1 | Trifloxystrobin (141517-21-7) | - | 0.00932 | 0.0746 | 0.2 |
| Fludioxinil (131341-86-1) | - | 0.00932 | 0.0746 | 0.4 | | | | | |
| Hexythiazox (78587-05-0) | - | 0.00932 | 0.0746 | 1 | | | | | |
| Imazalil (35554-44-0) | - | 0.00932 | 0.0746 | 0.2 | | | | | |
| Imidacloprid (138261-41-3) | - | 0.00932 | 0.0746 | 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 | Sythane | Propiconazole | Tilt |
| DDVP | Dichlorvos | Naled | Dibrom | Propoxur | Baygon |
| Ethoprophos | Prophos | Phosmet | Imidan | | |

REPORT OF LABORATORY ANALYSIS

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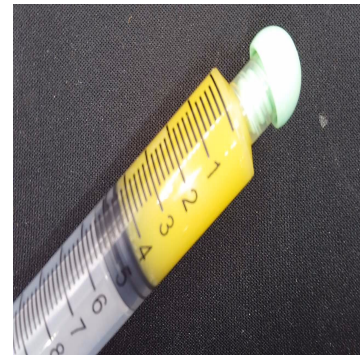
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA38642)

| | | | |
|---|-------------------------------|--------------------------|-----------------------------------|
| Testing Location: | Customer ID: 2168 | Order ID: OR11147 | Sample Type: Primary |
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13229972552 | Mass: 1ea |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 08/15/2024 |
| License: ADH 113 | License: 00065C | P20240812GHEE09 | Date Received: 08/15/2024 |
| Cultivar (Strain) or Sample Description: ARV-Infused Ghee Butter 600mg Jar | | | Date Completed: 08/19/2024 |

HEAVY METAL PROFILE (SOP: SOP-ICP-200.6)

| | | |
|--|-----------------------------------|-----------------------------|
| Analysis Date/Time: 08/16/2024 1734 | Method: ICP/MS | Deviations from SOP: |
| | Instrument: Agilent 7500ce | None |
| Analyst: KF | | |

| Heavy Metal | Result (µg/kg) | LOD (µg/kg) | LOQ (µg/kg) | Action Level (µg/kg) |
|--------------------|---------------------------|------------------------|------------------------|---------------------------------|
| Arsenic (As) | - | 58.1 | 92.0 | 200 |
| Cadmium (Cd) | - | 58.1 | 92.0 | 200 |
| Lead (Pb) | - | 58.1 | 92.0 | 500 |
| Mercury (Hg) | - | 58.1 | 92.0 | 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

| |
|-----------------------|
| RESULT < AL |
| RESULT > AL |

"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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CERTIFICATE OF ANALYSIS (SAMPLE ID: SA38642)

| | | | |
|---|-------------------------------|---------------------------|-----------------------------------|
| Testing Location: | Customer ID: 2168 | Sample ID: SA38642 | Sample Type: Primary |
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13229972552 | Mass: 1ea |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 08/15/2024 |
| License: ADA 05_H273 | License: 00065C | P20240812GHEE09 | Date Received: 08/15/2024 |
| Cultivar (Strain) or Sample Description: ARV-Infused Ghee Butter 600mg Jar | | | Date Completed: 08/19/2024 |

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 08/16/2024 1259
Analyst: PW
Method: Hardy Diagnostics CompactDry
Instrument: Thermo Incubator
Deviations from SOP: None

| Bacteria/Microbe | Result (CFU/g) | Action Level (CFU/g) |
|----------------------------|-----------------------|-----------------------------|
| Aerobic Plate Count | NT | - |
| Coliforms, Total | Absent | 1 |
| Escherichia Coli (E. Coli) | Absent | 100 |
| Mold/Yeast | NT | - |
| Pseudomonas aeruginosa | NT | - |
| 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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Laboratory Director

