



SUMMARY OF ANALYSIS (SAMPLE ID: SA36324)

| Testing Location: | Customer ID: 2168 | Order ID: OR10680 | Sample Type: Primary |
|--------------------------------|-----------------------------------|--------------------|----------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADH 113 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample De | Date Completed: 11/01/2023 | | |

*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 (%) | Water Activity (aw) | PASS/FAIL |
|----------------------|---------------------|-----------|
| Not Tested | Not Tested | 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.

| <u>Cannabinoi</u> | <u>ls (Top 3)</u> | <u>(%)</u> | <u>mg/g</u> | | | |
|---------------------|-------------------|----------------|--------------|--|--|--|
| Δ9-ΤΙ | łC | 0.200 | 2.00 | | | |
| Δ8-ΤΗ | łC | 0.0161 | 0.161 | | | |
| CBI |) | | - | | | |
| TOTAL | CBD | - | - | | | |
| TOTAL | ТНС | 0.200 | 2.00 | | | |
| TOTAL CANN | ABINOIDS | 0.216 | 2.16 | | | |
| Terpenes | (<u>Top 5)</u> | <u>(%)</u> | <u>µg/g</u> | | | |
| d-Limo | nene | 0.00127 | 12.7 | | | |
| α-Pine | ne | 0.000952 9.52 | | | | |
| α-Bisab | olol | | | | | |
| Camph | ene | | | | | |
| δ-3-Ca | ene | | | | | |
| TOTAL TE | RPENES | 0.00222 | 22.2 | | | |
| Contaminants | PASS/FAIL | Sample Picture | Upon Receipt | | | |
| Heavy Metals: | PASS | | | | | |
| Microbiology: | PASS | | | | | |
| Pesticides: | PASS | | | | | |
| Residual Solvents: | PASS | | | | | |





Scan the QR code to verify results.

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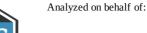
REPORT OF LABORATORY ANALYSIS

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| Testing Location: | Customer ID: 2168 | Order ID: OR10680 | Sample Type: Primary |
|-----------------------------|---------------------------------|--------------------|----------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADH 113 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample | Date Completed: 11/01/2023 | | |

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

Analysis Date/Time: 10/31/2023 1518 Analyst: PW Method: HPLC/DAD Instrument: Agilent 1100

| <u>Cannabinoid</u> | <u>Result</u> (%) | <u>Result</u> (mg/g) | <u>LOD</u> (mg/g) | LOQ (mg/g) | <u>Result</u> (<u>mg/</u> <u>mL</u>) | <u>Per</u> Serving (mg) | <u>Per</u> 5 <u>Unit</u> (mg) |
|--------------------|----------------------|-------------------------|----------------------|---------------|--|-------------------------------|-------------------------------------|
| CBC | ND | ND | 0.00217 | 0.00507 | - | - | - |
| CBCA | ND | ND | 0.00674 | 0.0157 | - | - | - |
| CBD | ND | ND | 0.0153 | 0.0358 | - | - | - |
| CBDA | ND | ND | 0.00564 | 0.0132 | - | - | - |
| CBDV | ND | ND | 0.00246 | 0.00573 | - | - | - |
| CBDVA | ND | ND | 0.00655 | 0.0153 | - | - | - |
| CBG | ND | ND | 0.00994 | 0.0232 | - | - | - |
| CBGA | ND | ND | 0.0141 | 0.0166 | - | - | - |
| CBL | ND | ND | 0.0115 | 0.0268 | - | - | - |
| CBN | ND | ND | 0.00528 | 0.0123 | - | - | - |
| CBNA | ND | ND | 0.00570 | 0.0133 | - | - | - |
| Δ9-ΤΗC | 0.200 | 2.00 | 0.00632 | 0.0147 | - | 9.26 | 92.6 |
| $\Delta 8$ -THC | 0.0161 | 0.161 | 0.00987 | 0.0230 | - | 0.746 | 7.46 |
| THCA | ND | ND | 0.00343 | 0.00802 | - | - | - |
| THCV | ND | ND | 0.00823 | 0.0192 | - | - | - |
| THCVA | ND | ND | 0.00263 | 0.00611 | - | - | - |
| TOTAL | 0.216 | 2.16 | | | | 10.0 | 100 |
| TOTAL CBC | - | - | | | | - | |
| TOTAL CBD | - | - | | | - | - | - |
| TOTAL CBDV | - | - | | | - | - | - |
| TOTAL CBG | - | - | | | - | - | - |
| TOTAL CBN | - | - | | | - | - | - |
| TOTAL THC | 0.200 | 2.00 | | | - | 9.26 | 92.6 |
| TOTAL THCV | - | - | | | - | - | - |

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



SERVING MASS (g): 4.64 SERVINGS/UNIT: 10

"-" 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) + Δ 9-THC Total THCV = (THCVA x 0.867) + THCV

Percentage results are reported by mass.

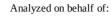
mg/g results are reported as mass component per mass material.

Kyle W. Felling, Ph.D. tory Directo











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| Cultivar (Strain) or Sample D | Date Completed: 11/01/2023 | | |

| TERPENOID PROFILE |
|--------------------------|
| Method: GC/MS |

| μg/g)(½)α-BisabololND-CampheneND-δ-3-CareneND-β-CaryophylleneND-coxideND-p-CymeneND-bc-caryophylleneND-coxideND-p-CymeneND-GeraniolND-GuaiolND-GuaiolND-GuaiolND-Abbreviations: CC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, LOD - Limit of Quantitation of QuantitationIsopulegolND-Abbreviations: ND - Not Detected, (QuantitationLinaloolND-β-MyrceneND-Spectrometry, RL - Reporting Limit of Quantitationβ-MyrceneND-β-DireneeND-β-OcimeneND-β-OcimeneND-β-DireneeND-β-PineneND-β-PineneND-η-β-PineneND-η-η-η-η-η-η-η-η-η-η-η-η-η-η-η-η-η- <th colspan="2">Analysis Date/Time:10/31/2023 2229 Analyst: KF</th> <th></th> <th>thod: GC/MS trument: Agilent 7890/5975</th> <th colspan="4">Deviations from SOP: None</th> | Analysis Date/Time:10/31/2023 2229 Analyst: KF | | | thod: GC/MS trument: Agilent 7890/5975 | Deviations from SOP: None | | | |
|---|---|------|----------|---|---------------------------------------|--|--|--|
| CampheneND-&3-CareneND-&-CaryophylleneND-CaryophylleneND-cxideND-b-CymeneND-EucalyptolND-GaraniolND-GadiolND-GadiolND-GuaiolND-A-HumuleneND-A-HumuleneND-A-HumuleneND-A-Humulene1.270.00127A-HumuleneND-B-MyrceneND-RynceneND-AbbreviationsServiceAbbreviation10-Abbreviation10-A-NoreneeND-B-QcimeneND-ADCoimeneND-B-DieneeND-B-PineneND-ADCoimeneND-ADCoimeneND-ADCoimeneND-ADCoimeneND-ADCoimeneND-ADRArenpineneND-ADRArenpineneND-ADRArenpineneND-ADRADRADRADRADRADRADR- <th><u>Terpene</u></th> <th></th> <th></th> <th></th> <th></th> | <u>Terpene</u> | | | | | | | |
| 8-3 careneND-8- CaryophylleneND-CaryophylleneND-oxideND-9- CymeneND-EucalyptolND-GeraniolND-GuaiolND-GuaiolND-Chromatography, MS - MassSpectrometry, RL - Reporting LimitAbbreviations: CC - GasChromatography, MS - MassSpectrometry, RL - Reporting LimitAbbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of QuantitationGaloidND-4-Limonene12.70.00127LinaloolND-PMyrceneND-ND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.R-StorieneND-R-CorimeneND-ND-This informational purposes only and should not be used to diagnose, treat, or prevent any medica-lealed symptoms.R-PineneND-The statements and results herein have not been approved and/or endorsed by the FDA.R-pripineneND-The statements and results herein have not been approved and/or endorsed by | α-Bisabolol | ND | - | | | | | |
| β-Caryophyllene oxideND-Caryophyllene oxideND-p-CymeneND-EucalyptolND-GeraniolND-GuaiolND-GuaiolND-GuaiolND-GuaiolND-GuaiolND-GuaiolND-A-HumuleneND-A-Humulene12.70.00127GuanolND-GuanolND-β-MyrceneND-ND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-ND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.β-OcimeneND-ND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-ND-The statements and results herein have not been approved and/or endorsed by the FDA.FurpinoleneND-ND-The statements and results herein have not been approved and/or endorsed by the FDA. | Camphene | ND | - | | | | | |
| Carbophyllene oxideND-Image: Construction of the specific analysis conducted.p-CymeneND-Image: Construction of the specific analysis conducted.NDEucalyptolND-Abbreviations: GC - Gas Chromatography, MS - MassGaraniolND-Abbreviations: SC - Gas Chromatography, MS - MassGuaiolND-Abbreviations: ND - Not Detected, provided as a service and makes no claims of efficacy and/or safety of this product.LinaloolND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.μ-CorimeneND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.β-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-The statements and results here in have not been approved and/or endorsed by the FDA.φ-PineneND-The statements and results here in have not been approved and/or endorsed by the FDA. | δ-3-Carene | ND | - | | | | | |
| oxideND-p-CymeneND-EucalyptolND-GeraniolND-GuaiolND-GuaiolND-Adbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of QuantitationIsopulegolND-4-Limonene12.70.00127LinaloolND-β-MyrceneND-ND-afety of this product.trans-NerolidolND-ND-safety of this product.ac-CoimeneND-ND-analysis conducted.β-OcimeneND-ND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-ND-The statements and results herein have not been approved and/or endorsed by the FDA.terpinoleneND-NDRepineneND-NDNDNDND <tr< td=""><td>β-Caryophyllene</td><td>ND</td><td>-</td><td></td><td>Wana</td></tr<> | β-Caryophyllene | ND | - | | Wana | | | |
| EucalyptolND-Image: Constraint of the statements and results herein have not been approved and/or endorsed by the FDA.EucalyptolND-Abbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of QuantitationGuaiolND-Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitationd-Limonene12.70.00127Do - Unit of Detection, LOQ - Limit of Quantitationβ-MyrceneND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.β-OcimeneND-This report is for informational purposes only and should not be used to diagnose, ar-PineneNDThe statements and results herein have not been approved and/or endorsed by the FDA.reprineleneND | Caryophyllene oxide | ND | - | | Uana sour gummes | | | |
| GeraniolND-GuaiolND-GuaiolND-Abbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitationd-Limonene12.70.00127LinaloolND-β-MyrceneND-ND-This information is provided as a service and makes no claims of efficacy and/or | p-Cymene | ND | - | | allow a | | | |
| GuaiolND-Abbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitationd-Limonene12.70.00127LOD - Limit of Detection, LOQ - Limit of QuantitationLinaloolND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.α-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-This statements and results herein have not been approved and/or endorsed by the FDA.α-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.wy-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA. | Eucalyptol | ND | - | | AM NETWEISSA | | | |
| α-HumuleneND-Abbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitationd-Limonene12.70.00127LOD - Limit of Detection, LOQ - Limit of QuantitationLinaloolND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.γ-DereneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.γ-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.Wey-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA. | Geraniol | ND | - | | | | | |
| α-HumuleneND-Chromatography, MS - Mass Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Limit of Quantitationd-Limonene12.70.00127LOD - Limit of Detection, LOQ - Limit of Quantitationβ-MyrceneND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.μrans-NerolidolND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.β-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-The statements and results herein have not been approved and/or endorsed by the FDA.w-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.NDThe statements and results herein have not been approved and/or endorsed by the FDA. | Guaiol | ND | - | | Abbrevistioner CC Cor | | | |
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| d-Limonene12.70.00127LOD - Limit of Detection, LOQ - Limit of QuantitationLinaloolND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.β-MyrceneND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.trans-NerolidolND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.β-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent anyβ-PineneND-medical-related symptoms.β-PineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpinoleneND-The statements and results herein have not been approved and/or endorsed by the FDA. | Isopulegol | ND | - | | | | | |
| β-MyrceneND-This information is provided as a service and makes no claims of efficacy and/or safety of this product.rans-NerolidolND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.α-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent anyβ-DrineneND-medical-related symptoms.α-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA. | d-Limonene | | 0.00127 | | LOD - Limit of Detection, LOQ - Limit | | | |
| And makes no channes of efficacy and/or safety of this product.Cris-NerolidolND-Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.ArnorND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent anyβ-PrineneND-medical-related symptoms.β-PrineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpinoleneND-The statements and results herein have not been approved and/or endorsed by the FDA. | | | - | | | | | |
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| α-OcimeneND-analysis conducted.β-OcimeneND-This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA. | trans-Nerolidol | ND | - | | | | | |
| o changehDonly and should not be used to diagnose, treat, or prevent any medical-related symptoms.β-PineneND-medical-related symptoms.α-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpinoleneND- | α-Ocimene | ND | - | | | | | |
| α-Pinene9.520.000952treat, or prevent any medical-related symptoms.β-PineneND-The statements and results herein have not been approved and/or endorsed by the FDA.α-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.TerpinoleneND- | β-Ocimene | ND | - | | | | | |
| γ-TerpineneND-The statements and results herein have not been approved and/or endorsed by the FDA.γ-TerpinoleneND-TerpinoleneND | α-Pinene | 9.52 | 0.000952 | | | | | |
| λ-TerpineneND-not been approved and/or endorsed by the FDA.γ-TerpinoleneND-TerpinoleneND- | β-Pinene | ND | - | | | | | |
| γ-Terpinene ND - the FDA. Terpinolene ND - | α-Terpinene | ND | - | | | | | |
| | γ-Terpinene | ND | - | | | | | |
| TOTAL 22.2 0.00222 Reporting Limit (µg/g) | Terpinolene | ND | - | | | | | |
| | TOTAL | 22.2 | 0.00222 | | Reporting Limit (µg/g): | | | |

"-" Not detected above LOD.













| Testing Location: | Customer ID: 2168 | Order ID: OR10680 | Sample Type: Primary |
|-----------------------------|-----------------------------------|--------------------|----------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADH 113 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample | Date Completed: 11/01/2023 | | |

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

| Analysis Date/Time: Analyst: KF | nalysis Date/Time: 10/31/2023 1902Method: HS/GC/MSnalyst: KFInstrument: Agilent 7890/5975 | | | Deviations from SOP: 5 None | | | | | | |
|-------------------------------------|---|---------------|----------------------|---------------------------------------|--------------------------------------|-------------------------|----------------------|----------------------|----------------------------------|--|
| <u>Solvent</u> | <u>Result</u> (µg/g) | LOD (µg/g) | <u>LOQ</u> (µg/g) | <u>Action</u> Level (µg/g) | <u>Solvent</u> | <u>Result</u> (µg/g) | <u>LOD</u> (µg/g) | <u>LOQ</u> (µg/g) | <u>Action</u> Level (µg/g) | |
| Acetone (67-64-1) | - | 122 | 244 | 5000 | n-Heptane (142-82-5) | - | 122 | 244 | 5000 | |
| Acetonitrile (75-5-8) | - | 122 | 244 | 410 | n-Hexane (110-54-3) | - | 42.6 | 85.2 | 290 | |
| Benzene (71-43-2) | - | 1.22 | 2.44 | 2 | Isobutane (75-28-5) | - | 122 | 244 | 5000 | Wana |
| n-Butane (106-97-2) | - | 122 | 244 | 5000 | Isopropanol (67-63-0) | - | 122 | 244 | 5000 | NAME AND A DEPARTMENT |
| 1-Butanol (71-36-3) | - | 122 | 244 | 5000 | Isopropyl acetate | | 122 | 244 | 5000 | SOUNALING |
| 2-Butanol (78-92-2) | - | 122 | 244 | 5000 | (108-21-4) | | 122 | 244 | 3000 | AM NEW LIN |
| 2-Butanone (78-93-3) | - | 122 | 244 | 5000 | Isopropyl benzene | _ | 12.2 | 24.4 | 70 | |
| Cyclohexane (110-82-7) | - | 122 | 244 | 3880 | (98-82-8) | | | | | Color Key |
| 1,2-Dimethoxyethane | | 12.2 | 24.4 | 100 | Methanol (67-56-1) | - | 122 | 244 | 3000 | <u>contracy</u> |
| (110-71-4) | - | 12.2 | 24.4 | 100 | 2-Methylbutane (78-78-4) | - | 122 | 244 | 5000 | RESULT < AL |
| N,N-Dimethylacetamide (127-19-5) | - | 122 | 244 | 1090 | Methylene chloride (75-9-2) | - | 122 | 244 | 600 | RESULT > AL |
| 2,2-Dimethylbutane (75-83-2) | - | 42.6 | 85.2 | 290 | 2-Methylpentane (107-83-5) | - | 42.6 | 85.2 | 290 | "DET" detected less than LOQ |
| 2,3-Dimethylbutane | | 42.6 | 85.2 | 290 | 3-Methylpentane (96-10-0) | - | 42.6 | 85.2 | 290 | "-" not detected above |
| (79-29-8) | | 42.0 | 03.2 | 250 | n-Pentane (109-66-0) | - | 122 | 244 | 5000 | LOD |
| N,N-Dimethylformamide | _ | 122 | 244 | 880 | 1-Pentanol (71-41-0) | - | 122 | 244 | 5000 | "*" - o,m,p-Xylene and |
| (68-12-2) | | | | | n-Propane (74-98-6) | - | 122 | 244 | 5000 | Ethylbenzene |
| Dimethylsulfoxide (67-68-5) | - | 122 | 244 | 5000 | 1-Propanol (71-23-8) | - | 122 | 244 | 5000 | Action levels are |
| 1,4-Dioxane (123-91-1) | _ | 122 | 244 | 380 | Pyridine (110-86-1) | - | 42.6 | 85.2 | 200 | referenced from the State of |
| Ethanol (64-17-5) | _ | 122 | 244 | 5000 | Tetrahydrofuran (109-99-9) | - | 122 | 244 | 720 | Arkansas |
| 2-Ethoxyethanol (110-80-5) | _ | 42.6 | 85.2 | 160 | Tetramethylene sulfone | _ | 42.6 | 85.2 | 160 | MMJ testing |
| Ethyl ether (60-29-7) | _ | 122 | 244 | 5000 | (126-33-0) | | | | | guidelines. |
| Ethyl acetate (141-78-6) | _ | 122 | 244 | 5000 | Toluene (108-88-3) | - | 122 | 244 | 890 | A value of "-" |
| Ethyl benzene (100-41-4) | _ | 122 | 244 | 2170 | o-Xylene (95-47-6) | - | 122 | 244 | 2170 | for the action level |
| Ethylene glycol (107-21-1) | _ | 122 | 244 | 620 | m,p-Xylene (108-38-3 or 106-42-3) | - | 122 | 244 | 2170 | means that analyte |
| Ethylene oxide (75-21-8) | _ | 12.2 | 24.4 | 50 | Xylenes* (1330-20-7) | _ | 43.3 | 86.7 | 2170 | is not currently |
| Solvent | | Synonym(s | | 50 | Solvent | S | ynonym(s) | 00.7 | 21/0 | regulated by the regulations referenced above. |
| Acetonitrile | | Methyl Cya | | | Ethylene glycol | | 2-Ethanediol | | | |
| 1-Butanol | | n-Butanol, 1 | | hol | Isobutane | | -Methylpropa | | | |
| | | | 5 | 1101 | | | | | | |
| 2-Butanol 2-Butanone | | sec-Butyl al | | Æν | Isopropanol Isopropul A cotata | | -Propanol, IP/ | | | |
| | | Methyl ethy | | ILK | Isopropyl Acetate | | cetic acid iso | | Ľ | |
| 1,2-Dimethoxyethane | | Monoglym | e | | Methanol | | lethyl alcoho | 1 | | |
| 2,3-Dimethylbutane | | Neohexane | 1 | | 2-Methylbutane | | opentane | | | |
| 2,3-Dimethylbutane | | Diisopropy | 1 | | Methylene chloride | | ichlorometha | ше | | |
| N,N-Dimethylformamide | | DMF | | | 2-Methylpentane | | ohexane | 1 | | |
| Dimethysufoxide | | DMSO | | 1 | 1-Pentanol | | -Amyl alcoho | | | |
| 2-Ethoxyethanol | | Cellosolve, | | 01 | 1-Propanol | | ropyl alcohol | | | |
| Ethyl ether | | Diethyl eth | er, Ether | | Tetrahydrofuran | | HF | | | |
| Ethyl acetate | | EtOAc | | | Tetramethylene sulfone | | ulfolane | | | |
| Ethyl benzene | | Phenyletha | ne | | Xylene | D | imethylbenze | ene | | |

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

Disclaimer: This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. The statements and results herein have not been approved and/or endorsed by the FDA.



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Deviations from SOP:

None



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA36324)

| Testing Location: | Customer ID: 2168 | Order ID: OR10680 | Sample Type: Primary |
|-----------------------------|-----------------------------------|------------------------|----------------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADH 113 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample | Date Completed: 11/01/2023 | | |

Analysis Date/Time: 10/31/2023 1554 Analyst: KF

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Method: LC/MS/MS Instrument: Shimadzu LC-8050

| <u>Pesticide</u> | <u>Result</u> (µg/g) | <u>LOD</u> (µg/g) | <u>LOQ</u> (µg/g) | <u>Action</u> Level (µg/g) | <u>Pesticide</u> | <u>Result</u> (µg/g) | <u>LOD</u> (µg/g) | <u>LOQ</u> (µg/g) | <u>Action</u> Level (µg/g) | |
|--------------------------------------|-------------------------|----------------------|----------------------|----------------------------------|--|-------------------------|----------------------|----------------------|----------------------------------|--|
| Abamectin (71751-41-2) | - | 0.00952 | 0.0761 | 0.5 | Kresoxim-methyl | _ | 0.00952 | 0.0761 | 0.4 | |
| Acephate (30560-19-1) | - | 0.00952 | 0.0761 | 0.4 | (143390-89-0) | | | | | |
| Acequinocyl (57960-19-7 |) | 0.00952 | 0.0761 | 2 | Malathion (121-75-5) | - | 0.00952 | 0.0761 | 0.2 | |
| Acetamiprid (135410-20-7) | | 0.00952 | 0.0761 | 0.2 | Metalaxyl (57837-19-1) Methiocarb (2032-65-7) | - | 0.00952 0.00952 | 0.0761 0.0761 | 0.2 0.2 | Wana sour gummies |
| (133410-20-7) Aldicarb (116-06-3) | _ | 0.00952 | 0.0761 | 0.4 | Methomyl (16752-77-5) | - | 0.00952 | 0.0761 | 0.2 | |
| Azoxystrobin | | | | | Methyl parathion | | | | | AM server law |
| (131860-33-8) | - | 0.00952 | 0.0761 | 0.2 | (298-0-0) | - | 0.00952 | 0.0761 | 0.2 | |
| Bifenazate (149877-41-8) | - | 0.00952 | 0.0761 | 0.2 | MGK 264 (113-48-4) | - | 0.00952 | 0.0761 | 0.2 | <u>Color Key</u> |
| Bifenthrin (82657-04-3) | - | 0.00952 | 0.0761 | 0.2 | Myclobutanil | - | 0.00952 | 0.0761 | 0.2 | RESULT < AL |
| Boscalid (188425-85-6) | - | 0.00952 | 0.0761 | 0.4 | (88671-89-0) | | 0.00053 | 0.0701 | 0.5 | RESULT > AL |
| Carbaryl (63-25-2) | - | 0.00952 | 0.0761 | 0.2 | Naled (300-76-5) | - | 0.00952 | 0.0761 | 0.5 | "DET" detected less than LOQ |
| Carbofuran (1563-66-2) | - | 0.00952 | 0.0761 | 0.2 | Oxamyl (23135-22-0) | - | 0.00952 | 0.0761 | 1 | DET detected less than LOQ |
| Chlorantraniliprole (800008-45-7) | - | 0.00952 | 0.0761 | 0.2 | Paclobutrazol (76738-62-0) | - | 0.00952 | 0.0761 | 0.4 | "-" not detected above LOD |
| Chlorfenapyr (122453-73-0) | - | 0.00952 | 0.0761 | 1 | Permethrins (52645-53-1) | - | 0.00952 | 0.0761 | 0.2 | Permethrins measured as the |
| Chlorpyrifos (2921-88-2) | - | 0.00952 | 0.0761 | 0.2 | Phosmet (732-11-6) | - | 0.00952 | 0.0761 | 0.2 | cumulative residue of the <i>cis</i> - and <i>trans</i> - permethrin isomers. |
| Clofentezine (74115-24-5) | - | 0.00952 | 0.0761 | 0.2 | Piperonyl butoxide (51-03-6) | - | 0.00952 | 0.0761 | 2 | 1 |
| Cyfluthrin (68359-37-5) | - | 0.00952 | 0.0761 | 1 | (51-03-6) Prallethrins (2331-36-9) | _ | 0.00952 | 0.0761 | 0.2 | Pyrethrins measured as the cumulative residue of the |
| Cypermethrin (52315-07-8) | - | 0.00952 | 0.0761 | 1 | Propiconazole (60207-90-1)) | | 0.00952 | 0.0761 | 0.2 | pyrethrin I, cinerin I, and jasmolin I isomers. |
| Daminozide (1596-84-5) | - | 0.00952 | 0.0761 | 1 | (00207-50-1)) Propoxur (114-26-1) | | 0.00952 | 0.0761 | 0.2 | Action levels are referenced from |
| DDVP (62-73-7) | - | 0.00952 | 0.0761 | 0.1 | Pyrethrins (8003-34-7) | | 0.00952 | 0.0761 | 1 | the |
| Diazinon (333-41-5) | - | 0.00952 | 0.0761 | 0.2 | Pyridaben (96489-71-3) | - | 0.00952 | 0.0761 | 0.2 | State of Arkansas MMJ testing |
| Dimethoate (60-51-5) | - | 0.00952 | 0.0761 | 0.2 | Spinosad (168316-95-8) | | 0.00952 | 0.0761 | 0.2 | guidelines. |
| Ethoprophos (13194-48-4) | - | 0.00952 | 0.0761 | 0.2 | Spiromesifen | | 0.00952 | 0.0761 | 0.2 | A value of "-" for the action level means that analyte is not |
| Etofenprox (80844-07-1) | - | 0.00952 | 0.0761 | 0.4 | (283594-90-1) | | | | | currently regulated by the |
| Etoxazole (153233-91-1) | - | 0.00952 | 0.0761 | 0.2 | Spirotetramat (203313-25-1) | - | 0.00952 | 0.0761 | 0.2 | regulations referenced above. |
| Fenoxycarb (72490-01-8) | - | 0.00952 | 0.0761 | 0.2 | Spiroxamine | | 0.00952 | 0.0761 | 0.4 | Disclaimer: This information is |
| (E)-Fenpyroximate (134098-61-6) | - | 0.00952 | 0.0761 | 0.4 | (118134-30-8) Tebuconazole | - | | | 0.4 | provided as a service and makes no claims of efficacy and/or safety of this product. Results are |
| Fipronil (120068-37-3) | - | 0.00952 | 0.0761 | 0.4 | (80443-41-0) | - | 0.00952 | 0.0761 | 0.4 | applicable only for the sample(s) |
| Flonicamid (158062-67-0 |) - | 0.00952 | 0.0761 | 1 | Thiacloprid | _ | 0.00952 | 0.0761 | 0.2 | analyzed and for the specific |
| Fludioxinil (131341-86-1 |) - | 0.00952 | 0.0761 | 0.4 | (111988-49-9) | | 0.00002 | 0107.01 | 0.2 | analysis conducted. This report is for informational purposes only |
| Hexythiazox (78587-05-0 |) | 0.00952 | 0.0761 | 1 | Thiamethoxam (153719-23-4) | - | 0.00952 | 0.0761 | 0.2 | and should not be used to |
| Imazalil (35554-44-0) | - | 0.00952 | 0.0761 | 0.2 | Trifloxystrobin | | | | | diagnose, treat, or prevent any medical-related symptoms. The |
| Imidacloprid (138261-41-3) | - | 0.00952 | 0.0761 | 0.4 | (141517-21-7) | | 0.00952 | 0.0761 | 0.2 | statements and results herein have not been approved and/or endorsed by the FDA. |
| | | | | | | | | | | |

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

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



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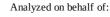


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| Testing Location: | Customer ID: 2168 | Order ID: OR10680 | Sample Type: Primary |
|-----------------------------|---------------------------------|--------------------|----------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADH 113 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample | Date Completed: 11/01/2023 | | |

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

| Analysis Date/T Analysis Date/T Analyst: KF | Гіте: 10/31/2023 1702 (ІСР/ОЕЅ) Гіте: - (DMA) | | _ | thod: ICP/MS t rument: Agilent 7500ce | Deviations from SOP: None | |
|---|--|-----------------------|-----------------------|--|--|--|
| <u>Heavy Metal</u> | <u>Result</u> (µg/kg) | <u>LOD</u> (µg/kg) | <u>LOQ</u> (µg/kg) | <u>Action Level</u> (µg/kg) | | |
| Arsenic (As) | - | 58.2 | 92.2 | 200 | | |
| Cadmium (Cd) | - | 58.2 | 92.2 | 200 | | |
| Lead (Pb) | - | 58.2 | 92.2 | 500 | | |
| Mercury (Hg) | | 58.2 | 92.2 | 100 | UR CHARACTER CONTRACTOR CONT | |

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

<u>Color Key</u>



"DET" detected less than LOQ

"-" not detected above LOD

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

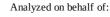
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| Testing Location: | Customer ID: 2168 | Sample ID: SA36324 | Sample Type: Primary |
|-----------------------------|-----------------------------------|--------------------|----------------------------|
| Arkansas | River Valley Relief MIPS | Lot Number: | Matrix: Edible |
| 232 S. Broadview St. | 5601 Old Greenwood Rd Suite C | M00065C13225555637 | Mass: 10pcs |
| Greenbrier, AR 72058 | Fort Smith, AR 72903 | Production Run: | Date Collected: 10/30/2023 |
| License: ADA 05_H273 | License: 00065C | P20231025MAN20 | Date Received: 10/31/2023 |
| Cultivar (Strain) or Sample | Date Completed: 11/01/2023 | | |

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

| Analysis Date/Time: 11/01/2023 0 Analyst: PW | | <pre>Method: Hardy Diagnostics CompactDry nstrument: Thermo Incubator</pre> | Deviations from SO None |
|---|--------------------------|---|-----------------------------------|
| Bacteria/Microbe | <u>Result</u> (CFU/g) | <u>Action Level</u> (CFU/g) | |
| Aerobic Plate Count | NT | - | |
| Coliforms, Total | Absent | 1 | |
| Escherichia Coli (E. Coli) | Absent | 100 | |
| Mold/Yeast | NT | - | Wana |
| Pseudomonas aeruginosa | NT | - | |
| Salmonella spp. | NT | - | Uana sour gummies |
| Staphylococcus aureus | NT | - | AM Serve Lister |
| | | | |

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





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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