

SUMMARY OF ANALYSIS (SAMPLE ID: SA30990)

| | | | |
|--|--|---|---|
| Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273 | Customer ID: 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A | Order ID: OR9776 Lot Number: 0405-04 Batch Number: CTK-041922-02 | Sample Type: Primary Matrix: Oil/Tincture Mass: 30g Date Collected: 04/19/2022 Date Received: 04/25/2022 |
| Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml | | | Date Completed: 04/30/2022 |

*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 Oklahoma-Oral/Rectal/Vaginal MMJ testing guidelines.

Moisture Content (%)

Not Tested

Water Activity (aw)

Not Tested

PASS/FAIL

N/A

Moisture content/water activity action levels are referenced from the State of Oklahoma-Oral/Rectal/Vaginal 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 |
|-----------------------------|------------|-------------|
| CBD | 4.91 | 49.1 |
| CBG | 0.369 | 3.69 |
| CBC | 0.158 | 1.58 |
| TOTAL CBD | 5.00 | 50.0 |
| TOTAL THC | - | - |
| TOTAL CANNABINOIDS | 5.66 | 56.6 |

| Terpenes (Top 5) | (%) | µg/g |
|-------------------------|------------|-------------|
| β-Caryophyllene | 0.0253 | 253 |
| α-Humulene | 0.00934 | 93.4 |
| d-Limonene | 0.00636 | 63.6 |
| α-Bisabolol | 0.000 | 0.000 |
| Camphene | 0.000 | 0.000 |
| TOTAL TERPENES | 0.0410 | 410 |

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

Sample Picture Upon Receipt



Scan the QR code to verify results.

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.

REPORT OF LABORATORY ANALYSIS

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30990)

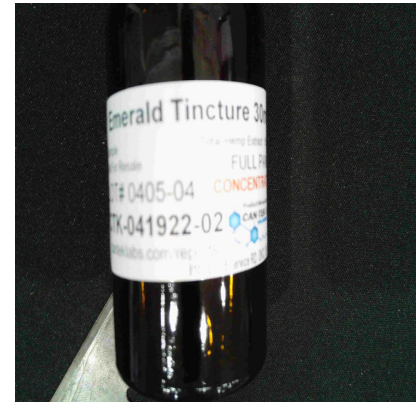
| | | | |
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Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml **Date Completed:** 04/30/2022

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

Analysis Date/Time: 4/25/2022 1801 **Method:** HPLC/DAD **Moisture Content (%):** -
Analyst: PW **Instrument:** Agilent 1100 **Water Activity (aw):** -

| <u>Cannabinoid</u> | <u>Result (%)</u> | <u>UM (+/-%)</u> | <u>Result (mg/g)</u> | <u>LOQ (mg/g)</u> | <u>Result (mg/mL)</u> | <u>Per Serving (mg)</u> | <u>Per Unit (mg)</u> |
|--------------------|-------------------|------------------|----------------------|-------------------|-----------------------|-------------------------|----------------------|
| CBC | 0.158 | 0.0221 | 1.58 | 0.0259 | 1.51 | 1.58 | 47.3 |
| CBCA | - | - | - | 0.00259 | - | - | - |
| CBD | 4.91 | 0.442 | 49.1 | 0.104 | 47.2 | 49.1 | 1470 |
| CBDa | 0.0959 | 0.00959 | 0.959 | 0.0259 | 0.921 | 0.959 | 28.8 |
| CBDV | 0.0173 | 0.00277 | 0.173 | 0.00259 | 0.166 | 0.173 | 5.19 |
| CBDVA | 0.00162 | 0.000146 | 0.0162 | 0.00259 | 0.0156 | 0.0162 | 0.487 |
| CBG | 0.369 | 0.0479 | 3.69 | 0.0259 | 3.54 | 3.69 | 111 |
| CBGA | 0.102 | 0.0112 | 1.02 | 0.0259 | 0.978 | 1.02 | 30.6 |
| CBL | - | - | - | 0.00259 | - | - | - |
| CBN | DET | - | DET | 0.00259 | - | - | - |
| CBNA | - | - | - | 0.00259 | - | - | - |
| Δ9-THC | - | - | - | 0.0259 | - | - | - |
| Δ8-THC | - | - | - | 0.00259 | - | - | - |
| THCA | - | - | - | 0.00259 | - | - | - |
| THCV | - | - | - | 0.00259 | - | - | - |
| THCVA | - | - | - | 0.00259 | - | - | - |
| TOTAL | 5.66 | 0.536 | 56.6 | | 54.3 | 56.6 | 1700 |
| TOTAL CBC | 0.158 | 0.0221 | 1.58 | | 1.51 | 1.58 | 47.3 |
| TOTAL CBD | 5.00 | 0.451 | 50.0 | | 48.0 | 50.0 | 1500 |
| TOTAL CBDV | 0.0187 | 0.00289 | 0.187 | | 0.180 | 0.187 | 5.61 |
| TOTAL CBG | 0.458 | 0.0577 | 4.58 | | 4.40 | 4.58 | 137 |
| TOTAL CBN | - | - | - | | - | - | - |
| TOTAL THC | - | - | - | | - | - | - |
| TOTAL THCv | - | - | - | | - | - | - |



SERVING MASS (g): 1.00
SERVINGS/UNIT: 30

"-" 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.

* 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, Ph.D.
Laboratory Director



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|--|--|---|---|

Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml **Date Completed:** 04/30/2022

TERPENOID PROFILE

Analysis Date/Time: 4/29/2022 0931
Analyst: KF

Method: GC/MS
Instrument: Agilent 7890/5975

Deviations from SOP:
None

| <u>Terpene</u> | <u>Result (µg/g)</u> | <u>Result (%)</u> | |
|---------------------|----------------------|-------------------|---|
| α-Bisabolol | - | - | |
| Camphene | - | - | |
| δ-3-Carene | - | - | |
| β-Caryophyllene | 253 | 0.0253 | ■ |
| Caryophyllene oxide | - | - | |
| p-Cymene | - | - | |
| Eucalyptol | - | - | |
| Geraniol | - | - | |
| Guaiol | - | - | |
| α-Humulene | 93.4 | 0.00934 | ■ |
| Isopulegol | - | - | |
| d-Limonene | 63.6 | 0.00636 | ■ |
| Linalool | - | - | |
| β-Myrcene | - | - | |
| cis-Nerolidol | - | - | |
| trans-Nerolidol | - | - | |
| α-Ocimene | - | - | |
| β-Ocimene | - | - | |
| α-Pinene | - | - | |
| β-Pinene | - | - | |
| α-Terpinene | - | - | |
| γ-Terpinene | - | - | |
| Terpinolene | - | - | |
| TOTAL | 410 | 0.0410 | |



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

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"-" Not detected above RL.

Reporting Limit (µg/g): 9.43

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Kyle W. Felling, Ph.D.
Laboratory Director

www.FASTLaboratories.com



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|--|--|---|---|

Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml **Date Completed:** 04/30/2022

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

| | | |
|---|--------------------------------------|-----------------------------|
| Analysis Date/Time: 4/29/2022 1905 | Method: HS/GC/MS | Deviations from SOP: |
| Analyst: KF | Instrument: Agilent 7890/5975 | None |

| Solvent | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Action Level (µg/g) | Solvent | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Action Level (µg/g) |
|----------------------------------|---------------|------------|------------|---------------------|-----------------------------------|---------------|------------|------------|---------------------|
| Acetone (67-64-1) | - | 39.3 | 78.7 | 1000 | n-Heptane (142-82-5) | - | 39.3 | 78.7 | 1000 |
| Acetonitrile (75-5-8) | - | 39.3 | 78.7 | - | n-Hexane (110-54-3) | - | 13.8 | 27.5 | 60 |
| Benzene (71-43-2) | - | 0.393 | 0.787 | 2 | Isobutane (75-28-5) | - | 39.3 | 78.7 | 1000 |
| n-Butane (106-97-2) | - | 39.3 | 78.7 | 1000 | Isopropanol (67-63-0) | - | 39.3 | 78.7 | 1000 |
| 1-Butanol (71-36-3) | - | 39.3 | 78.7 | - | Isopropyl acetate (108-21-4) | - | 39.3 | 78.7 | - |
| 2-Butanol (78-92-2) | - | 39.3 | 78.7 | - | Isopropyl benzene (98-82-8) | - | 3.93 | 7.87 | - |
| 2-Butanone (78-93-3) | - | 39.3 | 78.7 | - | Methanol (67-56-1) | - | 39.3 | 78.7 | 600 |
| Cyclohexane (110-82-7) | - | 39.3 | 78.7 | - | 2-Methylbutane (78-78-4) | - | 39.3 | 78.7 | - |
| 1,2-Dimethoxyethane (110-71-4) | - | 3.93 | 7.87 | - | Methylene chloride (75-9-2) | - | 39.3 | 78.7 | - |
| N,N-Dimethylacetamide (127-19-5) | - | 39.3 | 78.7 | - | 2-Methylpentane (107-83-5) | - | 13.8 | 27.5 | - |
| 2,2-Dimethylbutane (75-83-2) | - | 13.8 | 27.5 | - | 3-Methylpentane (96-10-0) | - | 13.8 | 27.5 | - |
| 2,3-Dimethylbutane (79-29-8) | - | 13.8 | 27.5 | - | n-Pentane (109-66-0) | - | 39.3 | 78.7 | 1000 |
| N,N-Dimethylformamide (68-12-2) | - | 39.3 | 78.7 | - | 1-Pentanol (71-41-0) | - | 39.3 | 78.7 | - |
| Dimethylsulfoxide (67-68-5) | - | 39.3 | 78.7 | - | n-Propane (74-98-6) | - | 39.3 | 78.7 | 1000 |
| 1,4-Dioxane (123-91-1) | - | 39.3 | 78.7 | - | 1-Propanol (71-23-8) | - | 39.3 | 78.7 | - |
| Ethanol (64-17-5) | - | 39.3 | 78.7 | - | Pyridine (110-86-1) | - | 13.8 | 27.5 | - |
| 2-Ethoxyethanol (110-80-5) | - | 13.8 | 27.5 | - | Tetrahydrofuran (109-99-9) | - | 39.3 | 78.7 | - |
| Ethyl ether (60-29-7) | - | 39.3 | 78.7 | - | Tetramethylene sulfone (126-33-0) | - | 13.8 | 27.5 | - |
| Ethyl acetate (141-78-6) | - | 39.3 | 78.7 | 1000 | Toluene (108-88-3) | - | 39.3 | 78.7 | 180 |
| Ethyl benzene (100-41-4) | - | 39.3 | 78.7 | - | o-Xylene (95-47-6) | - | 39.3 | 78.7 | 430 |
| Ethylene glycol (107-21-1) | - | 39.3 | 78.7 | - | m,p-Xylene (108-38-3 or 106-42-3) | - | 39.3 | 78.7 | 430 |
| Ethylene oxide (75-21-8) | - | 3.93 | 7.87 | - | Xylenes* (1330-20-7) | - | 43.3 | 86.7 | 430 |



Color Key

RESULT < AL (Green background)
RESULT > AL (Red background)

"DET" detected less than LOQ
"- " not detected above LOD
"*" - o,m,p-Xylene and Ethylbenzene
Action levels are referenced from the State of Oklahoma-Oral/Rectal/Vaginal MMJ testing guidelines.
A value of "- " for the action level means that analyte is not currently regulated by the regulations referenced above.

| Solvent | Synonym(s) | Solvent | Synonym(s) |
|-----------------------|--------------------------|------------------------|-----------------------------|
| 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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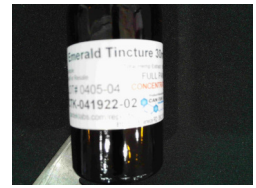
PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 4/29/2022 1453
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) | - | 0.00943 | 0.0754 | 0.5 | Kresoxim-methyl (143390-89-0) | - | 0.00943 | 0.0754 | - |
| Acephate (30560-19-1) | - | 0.00943 | 0.0754 | - | Malathion (121-75-5) | - | 0.00943 | 0.0754 | 0.2 |
| Acetamiprid (135410-20-7) | - | 0.00943 | 0.0754 | - | Metalaxyl (57837-19-1) | - | 0.00943 | 0.0754 | - |
| Aldicarb (116-06-3) | - | 0.00943 | 0.0754 | - | Methiocarb (2032-65-7) | - | 0.00943 | 0.0754 | - |
| Azoxystrobin (131860-33-8) | - | 0.00943 | 0.0754 | 0.2 | Methomyl (16752-77-5) | - | 0.00943 | 0.0754 | - |
| Bifenazate (149877-41-8) | - | 0.00943 | 0.0754 | 0.2 | Methyl parathion (298-0-0) | - | 0.00943 | 0.0754 | - |
| Bifenthrin (82657-04-3) | - | 0.00943 | 0.0754 | - | MGK 264 (113-48-4) | - | 0.00943 | 0.0754 | - |
| Boscalid (188425-85-6) | - | 0.00943 | 0.0754 | - | Myclobutanil (88671-89-0) | - | 0.00943 | 0.0754 | 0.2 |
| Carbaryl (63-25-2) | - | 0.00943 | 0.0754 | - | Naled (300-76-5) | - | 0.00943 | 0.0754 | - |
| Carbofuran (1563-66-2) | - | 0.00943 | 0.0754 | - | Oxamyl (23135-22-0) | - | 0.00943 | 0.0754 | - |
| Chlorantraniliprole (800008-45-7) | - | 0.00943 | 0.0754 | - | Paclitaxel (76738-62-0) | - | 0.00943 | 0.0754 | - |
| Chlorfenapyr (122453-73-0) | - | 0.00943 | 0.0754 | - | Permethrins (52645-53-1) | - | 0.00943 | 0.0754 | 0.2 |
| Chlorpyrifos (2921-88-2) | - | 0.00943 | 0.0754 | - | Phosmet (732-11-6) | - | 0.00943 | 0.0754 | - |
| Clofentezine (74115-24-5) | - | 0.00943 | 0.0754 | - | Piperonyl butoxide (51-03-6) | - | 0.00943 | 0.0754 | - |
| Cyfluthrin (68359-37-5) | - | 0.00943 | 0.0754 | - | Prallethrin (2331-36-9) | - | 0.00943 | 0.0754 | - |
| Cypermethrin (52315-07-8) | - | 0.00943 | 0.0754 | - | Propiconazole (60207-90-1) | - | 0.00943 | 0.0754 | - |
| Daminozide (1596-84-5) | - | 0.00943 | 0.0754 | - | Propoxur (114-26-1) | - | 0.00943 | 0.0754 | - |
| DDVP (62-73-7) | - | 0.00943 | 0.0754 | - | Pyrethrins (8003-34-7) | - | 0.00943 | 0.0754 | - |
| Diazinon (333-41-5) | - | 0.00943 | 0.0754 | - | Pyridaben (96489-71-3) | - | 0.00943 | 0.0754 | - |
| Dimethoate (60-51-5) | - | 0.00943 | 0.0754 | - | Spinosad (168316-95-8) | - | 0.00943 | 0.0754 | 0.2 |
| Ethoprophos (13194-48-4) | - | 0.00943 | 0.0754 | - | Spiromesifen (283594-90-1) | - | 0.00943 | 0.0754 | 0.2 |
| Etofenprox (80844-07-1) | - | 0.00943 | 0.0754 | - | Spirotetramat (203313-25-1) | - | 0.00943 | 0.0754 | 0.2 |
| Etoxazole (153233-91-1) | - | 0.00943 | 0.0754 | 0.2 | Spiroxamine (118134-30-8) | - | 0.00943 | 0.0754 | - |
| Fenoxycarb (72490-01-8) | - | 0.00943 | 0.0754 | - | Tebuconazole (80443-41-0) | - | 0.00943 | 0.0754 | 0.4 |
| (E)-Fenpyroximate (134098-61-6) | - | 0.00943 | 0.0754 | - | Thiacloprid (111988-49-9) | - | 0.00943 | 0.0754 | - |
| Fipronil (120068-37-3) | - | 0.00943 | 0.0754 | - | Thiamethoxam (153719-23-4) | - | 0.00943 | 0.0754 | - |
| Flonicamid (158062-67-0) | - | 0.00943 | 0.0754 | - | Trifloxystrobin (141517-21-7) | - | 0.00943 | 0.0754 | - |
| Fludioxinil (131341-86-1) | - | 0.00943 | 0.0754 | - | | | | | |
| Hexythiazox (78587-05-0) | - | 0.00943 | 0.0754 | - | | | | | |
| Imazalil (35554-44-0) | - | 0.00943 | 0.0754 | 0.2 | | | | | |
| Imidacloprid (138261-41-3) | - | 0.00943 | 0.0754 | 0.4 | | | | | |



Color Key

RESULT < AL (Green background)
RESULT > AL (Red background)

"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 Oklahoma-Oral/Rectal/Vaginal MMJ testing guidelines.
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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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Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30990)

| | | | |
|--|--|---|---|
| Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273 | Customer ID: 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A | Order ID: OR9776 Lot Number: 0405-04 Batch Number: CTK-041922-02 | Sample Type: Primary Matrix: Oil/Tincture Mass: 30g Date Collected: 04/19/2022 Date Received: 04/25/2022 |
|--|--|---|---|

Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml **Date Completed:** 04/30/2022

MYCOTOXIN PROFILE (SOP: SOP-MYCO-001)

| | | |
|---|-------------------------------------|-----------------------------|
| Analysis Date/Time: 4/29/2022 2000 | Method: LC/MS/MS | Deviations from SOP: |
| Analyst: KF | Instrument: Shimadzu LC-8050 | None |

| <u>Mycotoxin</u> | <u>Result</u> (µg/kg) | <u>Action Level</u> (µg/kg) |
|------------------|--------------------------|--------------------------------|
| Aflatoxin B1 | - | 20 |
| Aflatoxin B2 | - | 20 |
| Aflatoxin G1 | - | 20 |
| Aflatoxin G2 | - | 20 |
| Ochratoxin A | - | 20 |



Abbreviations: LC - Liquid Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level

Color Key

RESULT < AL

RESULT > AL

Reporting Limit (µg/kg)
Action Level

"-" not detected above reporting limit

Action levels for mycotoxins are referenced from the State of Oklahoma-Oral/Rectal/Vaginal 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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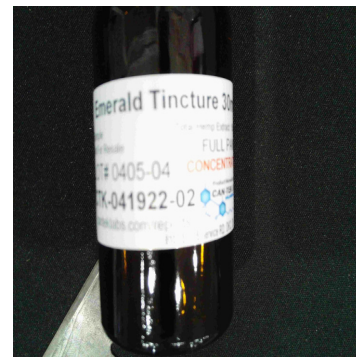
| | | | |
|--|--|---|---|
| Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273 | Customer ID: 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A | Order ID: OR9776 Lot Number: 0405-04 Batch Number: CTK-041922-02 | Sample Type: Primary Matrix: Oil/Tincture Mass: 30g Date Collected: 04/19/2022 Date Received: 04/25/2022 |
|--|--|---|---|

Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml **Date Completed:** 04/30/2022

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

| | | |
|---|-----------------------------------|-----------------------------|
| Analysis Date/Time: 4/30/2022 0801 (ICP/OES) | Method: ICP/OES | Deviations from SOP: |
| Analysis Date/Time: - (DMA) | Instrument: Agilent 720-ES | None |
| Analyst: KF | | |

| <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) | - | 48.8 | 92.7 | 1500 |
| Cadmium (Cd) | - | 48.8 | 92.7 | 500 |
| Lead (Pb) | - | 48.8 | 92.7 | 1000 |
| Mercury (Hg) | DET | 48.8 | 92.7 | 1500 |



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 Oklahoma-Oral/Rectal/Vaginal MMJ testing guidelines.

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CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30990)

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| Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273 | Customer ID: 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A | Sample ID: SA30990 Lot Number: 0405-04 Batch Number: CTK-041922-02 | Sample Type: Primary Matrix: Oil/Tincture Mass: 30g Date Collected: 04/19/2022 Date Received: 04/25/2022 |
| Cultivar (Strain) or Sample Description: PCRX Emerald Tincture 30ml | | | Date Completed: 04/30/2022 |

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 4/29/2022 1235 **Method:** Hardy Diagnostics CompactDry **Deviations from SOP:**
Analyst: PW **Instrument:** Thermo Incubator None

| <u>Bacteria/Microbe</u> | <u>Result (CFU/g)</u> | <u>Action Level (CFU/g)</u> |
|----------------------------|-----------------------|-----------------------------|
| Aerobic Plate Count | NT | - |
| Coliforms, Total | Absent | - |
| Escherichia Coli (E. Coli) | Absent | 1 |
| Mold/Yeast | Absent | 10 |
| Salmonella spp. | Absent | 1 |
| Staphylococcus aureus | Absent | - |



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



Reporting Limit (CFU/g)
1

Action levels for microbiology are referenced from the State of Oklahoma-Oral/Rectal/Vaginal 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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