



# Certificate of Analysis



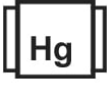







## COMPLIANCE FOR RETAIL

Sample: DA21129014-001  
Harvest/Lot ID: A50023  
Batch#: BMR0135/PHA0004  
Seed to Sale# N/A  
Batch Date: 11/21/22  
Sample Size Received: 100 ml  
Total Amount: 100 ml  
Retail Product Size: 100 ml  
Ordered : 11/29/22  
Sampled : 11/29/22  
Completed: 12/02/22  
Sampling Method: SOP.T.20.010.FL

Dec 02, 2022 | PharmaCanna  
2615 State Road 7, Ste #530-B  
Wellington, Florida, 33414



**PASSED**  
Pages 1 of 5

| PRODUCT IMAGE   | SAFETY RESULTS   |  |  |  |  |   |   | MISC.   |   |
|---|--|--|--|--|--|---|---|---|---|
|  | <br>Pesticides<br><b>PASSED</b> | <br>Heavy Metals<br><b>PASSED</b> | <br>Microbials<br><b>PASSED</b> | <br>Mycotoxins<br><b>PASSED</b> | <br>Residuals Solvents<br><b>PASSED</b> | <br>Filtration<br><b>PASSED</b> | <br>Water Activity<br>NOT TESTED | <br>Moisture<br>NOT TESTED | <br>Terpenes<br>NOT TESTED |

 **Cannabidiol** **PASSED**

|   |  |  |
|---|--|--|
| <br><b>Total THC</b><br><b>ND</b><br>Total THC/Container : 0 mg | <br><b>Total CBD</b><br><b>0.518%</b><br>Total CBD/Container : 518 mg | <br><b>Total Cannabinoids</b><br><b>0.518%</b><br>Total Cannabinoids/Container : 518 mg |
|---|--|--|

|       | D9-THC | THCA  | CBD   | CBDA  | D8-THC | CBG   | CBGA  | CBN   | THCV  | CBDV  | CBC   |
|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| %     | ND     | ND    | 0.518 | <0.02 | ND     | ND    | ND    | ND    | ND    | <0.02 | ND    |
| mg/ml | ND     | ND    | 5.18  | <0.2  | ND     | ND    | ND    | ND    | ND    | <0.2  | ND    |
| LOD   | 0.002  | 0.002 | 0.002 | 0.002 | 0.002  | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
|       | %      | %     | %     | %     | %      | %     | %     | %     | %     | %     | %     |

Analyzed by: 3112, 53, 1440      Weight: 2.9505g      Extraction date: 11/30/22 11:31:49      Extracted by: 3112

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA052965POT  
Instrument Used : DA-LC-003 (Derivatives)  
Running on : 11/30/22 11:34:49

Dilution : 400  
Reagent : 112922.R03; 071222.01; 112922.R01  
Consumables : 239146; 280670723; CE0123; 210803-059; 61633-125C6-125E; R1KB14270  
Pipette : N/A

Reviewed On : 12/01/22 16:42:25  
Batch Date : 11/30/22 08:38:43

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



# Certificate of Analysis

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PharmaCanna

2615 State Road 7, Ste #530-B  
Wellington, Florida, 33414  
Telephone: 5614255850  
Email: info@pharmacanna.us

Sample : DA21129014-001

Harvest/Lot ID: A50023

Batch# : BMR0135/PHA0004

Sampled : 11/29/22

Ordered : 11/29/22

Sample Size Received : 100 ml

Total Amount : 100 ml

Completed : 12/02/22 Expires: 12/02/23

Sample Method : SOP.T.20.010.FL

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## Pesticides

**PASSED**

| Pesticide                           | LOD  | Units | Action Level | Pass/Fail | Result | Pesticide  | LOD  | Units   | Action Level | Pass/Fail        | Result            |               |          |
|-------------------------------------|------|-------|--------------|-----------|--------|--|--|---------|--------------|------------------|-------------------|---------------|----------|
| TOTAL CONTAMINANT LOAD (PESTICIDES) | 0.01 | ppm   | 30           | PASS      | ND     | OXAMYL   | 0.01   | ppm     | 0.5          | PASS             | ND                |               |          |
| TOTAL DIMETHOMORPH                  | 0.01 | ppm   | 3            | PASS      | ND     | PACLOBUTRAZOL  | 0.01   | ppm     | 0.1          | PASS             | ND                |               |          |
| TOTAL PERMETHRIN                    | 0.01 | ppm   | 1            | PASS      | ND     | PHOSMET  | 0.01   | ppm     | 0.2          | PASS             | ND                |               |          |
| TOTAL PYRETHRINS                    | 0.01 | ppm   | 1            | PASS      | ND     | PIPERONYL BUTOXIDE   | 0.01   | ppm     | 3            | PASS             | ND                |               |          |
| TOTAL SPINETORAM                    | 0.01 | ppm   | 3            | PASS      | ND     | PRALLETHRIN  | 0.01   | ppm     | 0.4          | PASS             | ND                |               |          |
| TOTAL SPINOSAD                      | 0.01 | ppm   | 3            | PASS      | ND     | PROPICONAZOLE  | 0.01   | ppm     | 1            | PASS             | ND                |               |          |
| ABAMECTIN B1A                       | 0.01 | ppm   | 0.3          | PASS      | ND     | PROPOXUR   | 0.01   | ppm     | 0.1          | PASS             | ND                |               |          |
| ACEPHATE                            | 0.01 | ppm   | 3            | PASS      | ND     | PYRIDABEN  | 0.01   | ppm     | 3            | PASS             | ND                |               |          |
| ACEQUINOCYL                         | 0.01 | ppm   | 2            | PASS      | ND     | SPIROMESIFEN   | 0.01   | ppm     | 3            | PASS             | ND                |               |          |
| ACETAMIPRID                         | 0.01 | ppm   | 3            | PASS      | ND     | SPIROTETRAMAT  | 0.01   | ppm     | 3            | PASS             | ND                |               |          |
| ALDICARB                            | 0.01 | ppm   | 0.1          | PASS      | ND     | SPIROXAMINE  | 0.01   | ppm     | 0.1          | PASS             | ND                |               |          |
| AZOXYSTROBIN                        | 0.01 | ppm   | 3            | PASS      | ND     | TEBUCONAZOLE   | 0.01   | ppm     | 1            | PASS             | ND                |               |          |
| BIFENAZATE                          | 0.01 | ppm   | 3            | PASS      | ND     | THIACLOPRID  | 0.01   | ppm     | 0.1          | PASS             | ND                |               |          |
| BIFENTHRIN                          | 0.01 | ppm   | 0.5          | PASS      | ND     | THIAMETHOXAM   | 0.01   | ppm     | 1            | PASS             | ND                |               |          |
| BOSCALID                            | 0.01 | ppm   | 3            | PASS      | ND     | TRIFLOXYSTROBIN  | 0.01   | ppm     | 3            | PASS             | ND                |               |          |
| CARBARYL                            | 0.01 | ppm   | 0.5          | PASS      | ND     | PENTACHLORONITROBENZENE (PCNB) *   | 0.01   | PPM     | 0.2          | PASS             | ND                |               |          |
| CARBOFURAN                          | 0.01 | ppm   | 0.1          | PASS      | ND     | PARATHION-METHYL *   | 0.01   | PPM     | 0.1          | PASS             | ND                |               |          |
| CHLORANTRANILIPROLE                 | 0.01 | ppm   | 3            | PASS      | ND     | CAPTAN *   | 0.07   | PPM     | 3            | PASS             | ND                |               |          |
| CHLORMEQUAT CHLORIDE                | 0.01 | ppm   | 3            | PASS      | ND     | CHLORDANE *  | 0.01   | PPM     | 0.1          | PASS             | ND                |               |          |
| CHLORPYRIFOS                        | 0.01 | ppm   | 0.1          | PASS      | ND     | CHLORFENAPYR *   | 0.01   | PPM     | 0.1          | PASS             | ND                |               |          |
| CLOFENTEZINE                        | 0.01 | ppm   | 0.5          | PASS      | ND     | CYFLUTHRIN *   | 0.05   | PPM     | 1            | PASS             | ND                |               |          |
| CUMAPHOS                            | 0.01 | ppm   | 0.1          | PASS      | ND     | CYPERMETHRIN *   | 0.05   | PPM     | 1            | PASS             | ND                |               |          |
| DAMINOZIDE                          | 0.01 | ppm   | 0.1          | PASS      | ND     |  |  |         |              |                  |                   |               |          |
| DIAZINON                            | 0.01 | ppm   | 3            | PASS      | ND     | Analyzed by:   | 3379, 53, 1440   | Weight: | 0.2539g      | Extraction date: | 11/30/22 14:45:20 | Extracted by: | 450,3379 |
| DICHLORVOS                          | 0.01 | ppm   | 0.1          | PASS      | ND     | Analysis Method:   | SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)   |         |              |                  |                   |               |          |
| DIMETHOATE                          | 0.01 | ppm   | 0.1          | PASS      | ND     | Analytical Batch:  | DA052972PES  |         |              |                  |                   |               |          |
| ETHOPROPHOS                         | 0.01 | ppm   | 0.1          | PASS      | ND     | Instrument Used:   | DA-LCMS-004 (PES)  |         |              |                  |                   |               |          |
| ETOFENPROX                          | 0.01 | ppm   | 0.1          | PASS      | ND     | Running on:  | N/A  |         |              |                  |                   |               |          |
| ETOXAZOLE                           | 0.01 | ppm   | 1.5          | PASS      | ND     | Dilution:  | 250  |         |              |                  |                   |               |          |
| FENHEXAMID                          | 0.01 | ppm   | 3            | PASS      | ND     | Reagent:   | 112822.R01; 111622.R42; 110722.R24; 113022.R01; 092820.59  |         |              |                  |                   |               |          |
| FENOXYCARB                          | 0.01 | ppm   | 0.1          | PASS      | ND     | Consumables:   | 6676024-02   |         |              |                  |                   |               |          |
| FENPYROXIMATE                       | 0.01 | ppm   | 2            | PASS      | ND     | Pipette:   | DA-093; DA-094; DA-219   |         |              |                  |                   |               |          |
| FIPRONIL                            | 0.01 | ppm   | 0.1          | PASS      | ND     | Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39. |  |         |              |                  |                   |               |          |
| FLONICAMID                          | 0.01 | ppm   | 2            | PASS      | ND     | Analyzed by:   | 450, 53, 1440  | Weight: | 0.2539g      | Extraction date: | 11/30/22 14:45:20 | Extracted by: | 450,3379 |
| FLUDIOXONIL                         | 0.01 | ppm   | 3            | PASS      | ND     | Analysis Method:   | SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville), SOP.T.40.151A.FL (Davie) |         |              |                  |                   |               |          |
| HEXYTHIAZOX                         | 0.01 | ppm   | 2            | PASS      | ND     | Analytical Batch:  | DA052973VOL  |         |              |                  |                   |               |          |
| IMAZALIL                            | 0.01 | ppm   | 0.1          | PASS      | ND     | Instrument Used:   | DA-GCMS-001  |         |              |                  |                   |               |          |
| IMIDACLOPRID                        | 0.01 | ppm   | 1            | PASS      | ND     | Running on:  | N/A  |         |              |                  |                   |               |          |
| KRESOXIM-METHYL                     | 0.01 | ppm   | 1            | PASS      | ND     | Dilution:  | 250  |         |              |                  |                   |               |          |
| MALATHION                           | 0.01 | ppm   | 2            | PASS      | ND     | Reagent:   | N/A  |         |              |                  |                   |               |          |
| METALAXYL                           | 0.01 | ppm   | 3            | PASS      | ND     | Consumables:   | N/A  |         |              |                  |                   |               |          |
| METHIOCARB                          | 0.01 | ppm   | 0.1          | PASS      | ND     | Pipette:   | N/A  |         |              |                  |                   |               |          |
| METHOMYL                            | 0.01 | ppm   | 0.1          | PASS      | ND     | Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.    |  |         |              |                  |                   |               |          |
| MEVINPHOS                           | 0.01 | ppm   | 0.1          | PASS      | ND     |  |  |         |              |                  |                   |               |          |
| MYCLOBUTANIL                        | 0.01 | ppm   | 3            | PASS      | ND     |  |  |         |              |                  |                   |               |          |
| NALED                               | 0.01 | ppm   | 0.5          | PASS      | ND     |  |  |         |              |                  |                   |               |          |



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**PASSED**

PharmaCanna

 2615 State Road 7, Ste #530-B  
 Wellington, Florida, 33414  
 Telephone: 5614255850  
 Email: info@pharmacanna.us

Sample : DA21129014-001

Harvest/Lot ID: A50023

Batch# : BMR0135/PHA0004

Sampled : 11/29/22

Ordered : 11/29/22

Sample Size Received : 100 ml

Total Amount : 100 ml

Completed : 12/02/22 Expires: 12/02/23

Sample Method : SOP.T.20.010.FL

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## Residual Solvents

PASSED

| Solvents             | LOD  | Units | Action Level | Pass/Fail | Result |
|----------------------|------|-------|--------------|-----------|--------|
| 1,1-DICHLOROETHENE   | 0.8  | ppm   | 8            | PASS      | ND     |
| 1,2-DICHLOROETHANE   | 0.2  | ppm   | 2            | PASS      | ND     |
| 2-PROPANOL           | 50   | ppm   |              | TESTED    | ND     |
| ACETONE              | 75   | ppm   | 750          | PASS      | ND     |
| ACETONITRILE         | 6    | ppm   | 60           | PASS      | <30    |
| BENZENE              | 0.1  | ppm   | 1            | PASS      | ND     |
| BUTANES (N-BUTANE)   | 500  | ppm   | 5000         | PASS      | ND     |
| CHLOROFORM           | 0.2  | ppm   | 2            | PASS      | ND     |
| DICHLOROMETHANE      | 12.5 | ppm   | 125          | PASS      | ND     |
| ETHANOL              | 500  | ppm   | 5000         | PASS      | ND     |
| ETHYL ACETATE        | 40   | ppm   | 400          | PASS      | ND     |
| ETHYL ETHER          | 50   | ppm   | 500          | PASS      | ND     |
| ETHYLENE OXIDE       | 0.5  | ppm   | 5            | PASS      | ND     |
| HEPTANE              | 500  | ppm   | 5000         | PASS      | ND     |
| METHANOL             | 25   | ppm   | 250          | PASS      | ND     |
| N-HEXANE             | 25   | ppm   | 250          | PASS      | ND     |
| PENTANES (N-PENTANE) | 75   | ppm   | 750          | PASS      | ND     |
| PROPANE              | 500  | ppm   | 5000         | PASS      | ND     |
| TOLUENE              | 15   | ppm   | 150          | PASS      | ND     |
| TOTAL XYLENES        | 15   | ppm   | 150          | PASS      | ND     |
| TRICHLOROETHYLENE    | 2.5  | ppm   | 25           | PASS      | ND     |

|                               |                    |                                       |                      |
|-------------------------------|--------------------|---------------------------------------|----------------------|
| Analyzed by:<br>850, 53, 1440 | Weight:<br>0.0272g | Extraction date:<br>12/01/22 12:48:26 | Extracted by:<br>850 |
|-------------------------------|--------------------|---------------------------------------|----------------------|

 Analysis Method : SOP.T.40.041.FL  
 Analytical Batch : DA052996SOL  
 Instrument Used : DA-GCMS-003  
 Running on : 12/01/22 15:15:38

 Reviewed On : 12/01/22 17:16:15  
 Batch Date : 11/30/22 13:25:39

 Dilution : 1  
 Reagent : 071420.56  
 Consumables : R2017.167; KF140  
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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Wellington, Florida, 33414  
Telephone: 5614255850  
Email: info@pharmacanna.us

Sample : DA21129014-001  
Harvest/Lot ID: A50023

Batch# : BMR0135/PHA0004  
Sampled : 11/29/22  
Ordered : 11/29/22

Sample Size Received : 100 ml  
Total Amount : 100 ml  
Completed : 12/02/22 Expires: 12/02/23  
Sample Method : SOP.T.20.010.FL

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|   |                  |               |   |                   |               |
|---|------------------|---------------|---|-------------------|---------------|
|  | <b>Microbial</b> | <b>PASSED</b> |  | <b>Mycotoxins</b> | <b>PASSED</b> |
|---|------------------|---------------|---|-------------------|---------------|

| Analyte                       | LOD | Units | Result      | Pass / Fail | Action Level |
|-------------------------------|-----|-------|-------------|-------------|--------------|
| ESCHERICHIA COLI SHIGELLA SPP |     |       | Not Present | PASS        |              |
| SALMONELLA SPECIFIC GENE      |     |       | Not Present | PASS        |              |
| ASPERGILLUS FLAVUS            |     |       | Not Present | PASS        |              |
| ASPERGILLUS FUMIGATUS         |     |       | Not Present | PASS        |              |
| ASPERGILLUS TERREUS           |     |       | Not Present | PASS        |              |
| ASPERGILLUS NIGER             |     |       | Not Present | PASS        |              |
| PSEUDOMONAS AERUGINOSA        |     |       | Not Present | PASS        |              |
| STAPHYLOCOCCUS AUREUS         |     |       | Not Present | PASS        |              |
| LISTERIA MONOCYTOGENES        |     |       | Not Present | PASS        |              |
| TOTAL YEAST AND MOLD          | 10  | CFU/g | <10         | PASS        | 100000       |

Analyzed by: 3621, 3336, 53, 1440    Weight: 1.0418g    Extraction date: 11/30/22 10:50:18    Extracted by: 3621

Analysis Method : SOP.T.40.056B, SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL  
Analytical Batch : DA052961MIC    Reviewed On : 12/01/22 17:27:29  
Instrument Used : PathogenDx Scanner DA-111    Batch Date : 11/30/22 08:19:44  
Running on : 11/30/22 12:14:29

Dilution : N/A  
Reagent : 091422.13; 110822.R31; 052422.04  
Consumables : N/A  
Pipette : N/A

Analyzed by: 3336, 3621, 53, 1440    Weight: 1.0418g    Extraction date: 11/30/22 10:51:06    Extracted by: 3621

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL  
Analytical Batch : DA052986TYM    Reviewed On : 12/02/22 13:38:25  
Instrument Used : Incubator (25-27C) DA-097    Batch Date : 11/30/22 10:39:56  
Running on : 11/30/22 12:13:55

Dilution : N/A  
Reagent : 091422.13  
Consumables : 004103  
Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

| Analyte      | LOD   | Units | Result | Pass / Fail | Action Level |
|--------------|-------|-------|--------|-------------|--------------|
| AFLATOXIN B2 | 0.002 | ppm   | ND     | PASS        | 0.02         |
| AFLATOXIN B1 | 0.002 | ppm   | ND     | PASS        | 0.02         |
| OCHRATOXIN A | 0.002 | ppm   | ND     | PASS        | 0.02         |
| AFLATOXIN G1 | 0.002 | ppm   | ND     | PASS        | 0.02         |
| AFLATOXIN G2 | 0.002 | ppm   | ND     | PASS        | 0.02         |

Analyzed by: 3379, 53, 1440    Weight: 0.2539g    Extraction date: 11/30/22 14:45:20    Extracted by: 450,3379

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)

Analytical Batch : DA052988MYC    Reviewed On : 12/01/22 17:21:19  
Instrument Used : DA-LCMS-004 (MYC)    Batch Date : 11/30/22 10:41:46  
Running on : N/A

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



## Heavy Metals

**PASSED**

| Metal                         | LOD  | Units | Result | Pass / Fail | Action Level |
|-------------------------------|------|-------|--------|-------------|--------------|
| TOTAL CONTAMINANT LOAD METALS | 0.11 | ppm   | 0.602  | PASS        | 5            |
| ARSENIC                       | 0.02 | ppm   | <0.1   | PASS        | 3            |
| CADMIUM                       | 0.02 | ppm   | ND     | TESTED      |              |
| LEAD                          | 0.05 | ppm   | 0.602  | PASS        | 10           |
| MERCURY                       | 0.02 | ppm   | ND     | PASS        | 55           |

Analyzed by: 1022, 53, 1440    Weight: 0.5052g    Extraction date: 11/30/22 11:04:50    Extracted by: 3619,1022

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL  
Analytical Batch : DA052968HEA    Reviewed On : 12/01/22 11:21:04  
Instrument Used : DA-ICPMS-003    Batch Date : 11/30/22 08:55:17  
Running on : 11/30/22 14:37:48

Dilution : 50  
Reagent : 112222.R82; 080222.R36; 111822.R22; 112322.R63; 111822.R20; 111822.R21; 112122.R11; 111522.R25; 100622.35  
Consumables : 179436; 210508058; 210803-059  
Pipette : DA-061; DA-106; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Telephone: 5614255850  
Email: info@pharmacanna.us

Sample : DA21129014-001

Harvest/Lot ID: A50023

Batch# : BMR0135/PHA0004

Sampled : 11/29/22

Ordered : 11/29/22

Sample Size Received : 100 ml

Total Amount : 100 ml

Completed : 12/02/22 Expires: 12/02/23

Sample Method : SOP.T.20.010.FL

Page 5 of 5



**Filth/Foreign  
Material**

**PASSED**

| Analyte                    | LOD | Units | Result | P/F  | Action Level |
|----------------------------|-----|-------|--------|------|--------------|
| Filth and Foreign Material | 0.5 | %     | ND     | PASS | 1            |

| Analyzed by: | Weight: | Extraction date: | Extracted by: |
|--------------|---------|------------------|---------------|
| 1879, 1440   | NA      | N/A              | N/A           |

Analysis Method : SOP.T.40.090

Analytical Batch : DA053020FIL

Instrument Used : Filth/Foreign Material Microscope

Running on : 11/30/22 16:18:19

Reviewed On : 11/30/22 16:21:05

Batch Date : 11/30/22 16:15:34

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.