



Certificate of Analysis

Sample: KN30802007-001
Harvest/Lot ID: AIO-BB/BW/WM/MW072723
Batch#: AIO-BB/BW/WM/MW072723
Batch Date: 07/27/23
Sample Size Received: 9 gram
Retail Product Size: 1 gram
Ordered : 07/27/23
Sampled : 07/27/23
Completed: 08/04/23

PASSED

Page 1 of 5

Aug 04, 2023 | Vapen KY, LLC

710 Kentucky Ave
Fulton, KY, 42041, US

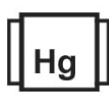
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

Potency

PASSED



Total THC
<0.01
Total THC/Cartridge : 0 mg



Total CBD
57.3045%
Total CBD/Cartridge : 573.045 mg



Total Cannabinoids
57.4937%
Total Cannabinoids/Cartridge : 574.937 mg

| | CBDVA | CBDV | CBDA | CBGA | CBG | CBD | D9-THCV | D8-THCV | CBN | D9-THC | D8-THC | D10-THC | CBC | THCA |
|------|-------|--------|-------|--------|-------|---------|---------|---------|-------|--------|--------|---------|-------|-------|
| % | <0.01 | 0.1697 | ND | 0.0195 | ND | 57.3045 | ND | ND | <0.01 | <0.01 | ND | ND | ND | ND |
| mg/g | <0.1 | 1.697 | ND | 0.195 | ND | 573.045 | ND | ND | <0.1 | <0.1 | ND | ND | ND | ND |
| LOD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |

Analyzed by:
2657, 2990, 2837

Weight:
0.2058g

Extraction date:
08/02/23 11:54:07

Extracted by:
2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCa: ± 0.124, TOTAL THC ± 0.112. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN004006POT

Instrument Used : E-SHI-008

Running on : N/A

Reviewed On : 08/04/23 14:15:09

Batch Date : 08/01/23 08:19:06

Dilution : N/A

Reagent : 051123.02; 100422.02; 072423.R02; 072723.R17; 102722.05; 051123.10

Consumables : 302110210; 22/04/01; 220725; 230322059D; 239146; 947.100; GD220003; 1350331; 6121219; 600054

Pipette : E-VWR-120

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

08/04/23

Signed On



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PASSED

Vapen KY, LLC

Sample : KN30802007-001
Harvest/Lot ID: AIO-BB/BW/WM/MW072723

710 Kentucky Ave
Fulton, KY, 42041, US
Telephone: 2702101087
Email: dopuckett@outlook.com

Batch# : AIO-BB/BW/WM/MW072723
Sample Size Received : 9 gram
Completed : 08/04/23 Expires: 08/04/24
Sampled : 07/27/23
Ordered : 07/27/23

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Pesticides

PASSED

| Pesticide | LOD | Units | Action Level | Pass/Fail | Result | Pesticide | LOD | Units | Action Level | Pass/Fail | Result |
|----------------------|-------|-------|--------------|-----------|--------|-----------------|-------|-------|--------------|-----------|--------|
| ABAMECTIN B1A | 0.012 | ppm | 0.1 | PASS | ND | PRALLETHRIN | 0.008 | ppm | 0.4 | PASS | ND |
| ACEPHATE | 0.008 | ppm | 0.1 | PASS | ND | PROPICONAZOLE | 0.007 | ppm | 1 | PASS | ND |
| ACEQUINOCYL | 0.038 | ppm | 0.1 | PASS | ND | PROPOXUR | 0.008 | ppm | 0.1 | PASS | ND |
| ACETAMIPRID | 0.009 | ppm | 0.1 | PASS | ND | PYRETHRINS | 0.002 | ppm | 1 | PASS | ND |
| ALDICARB | 0.009 | ppm | 0.1 | PASS | ND | PYRIDABEN | 0.007 | ppm | 3 | PASS | ND |
| AZOXYSTROBIN | 0.013 | ppm | 0.1 | PASS | ND | SPINETORAM | 0.004 | ppm | 3 | PASS | ND |
| BIFENAZATE | 0.028 | ppm | 0.1 | PASS | ND | SPIROMESIFEN | 0.009 | ppm | 3 | PASS | ND |
| BIFENTHRIN | 0.047 | ppm | 0.1 | PASS | ND | SPIROTETRAMAT | 0.009 | ppm | 0.1 | PASS | ND |
| BOSCALID | 0.007 | ppm | 0.1 | PASS | ND | SPIROXAMINE | 0.006 | ppm | 0.1 | PASS | ND |
| CARBARYL | 0.015 | ppm | 0.5 | PASS | ND | TEBUCONAZOLE | 0.009 | ppm | 0.1 | PASS | ND |
| CARBOFURAN | 0.008 | ppm | 0.1 | PASS | ND | THIACLOPRID | 0.008 | ppm | 0.1 | PASS | ND |
| CHLORANTRANILIPROLE | 0.012 | ppm | 3 | PASS | ND | THIAMETHOXAM | 0.009 | ppm | 0.5 | PASS | ND |
| CHLORMEQUAT CHLORIDE | 0.008 | ppm | 1 | PASS | ND | TOTAL SPINOSAD | 0.009 | ppm | 0.1 | PASS | ND |
| CHLORPYRIFOS | 0.014 | ppm | 0.1 | PASS | ND | TRIFLOXYSTROBIN | 0.009 | ppm | 0.1 | PASS | ND |
| CLOFENTEZINE | 0.006 | ppm | 0.2 | PASS | ND | | | | | | |
| COUMAPHOS | 0.009 | ppm | 0.1 | PASS | ND | | | | | | |
| DAMINOZIDE | 0.006 | ppm | 0.1 | PASS | ND | | | | | | |
| DIAZANON | 0.006 | ppm | 0.1 | PASS | ND | | | | | | |
| DICHLORVOS | 0.014 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOATE | 0.009 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOMORPH | 0.009 | ppm | 3 | PASS | ND | | | | | | |
| ETHOPROPHOS | 0.007 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOFENPROX | 0.009 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOXAZOLE | 0.007 | ppm | 1.5 | PASS | ND | | | | | | |
| FENHEXAMID | 0.005 | ppm | 3 | PASS | ND | | | | | | |
| FENOXICARB | 0.007 | ppm | 0.1 | PASS | ND | | | | | | |
| FENPYROXIMATE | 0.006 | ppm | 2 | PASS | ND | | | | | | |
| FIPRONIL | 0.008 | ppm | 0.1 | PASS | ND | | | | | | |
| FLONICAMID | 0.014 | ppm | 2 | PASS | ND | | | | | | |
| FLUDIOXONIL | 0.011 | ppm | 3 | PASS | ND | | | | | | |
| HEXYTHIAZOX | 0.009 | ppm | 2 | PASS | ND | | | | | | |
| IMAZALIL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| IMIDACLOPRID | 0.005 | ppm | 3 | PASS | ND | | | | | | |
| KRESOXIM-METHYL | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| MALATHION | 0.009 | ppm | 2 | PASS | ND | | | | | | |
| METALAXYL | 0.008 | ppm | 3 | PASS | ND | | | | | | |
| METHIOCARB | 0.008 | ppm | 0.1 | PASS | ND | | | | | | |
| METHOMYL | 0.009 | ppm | 0.1 | PASS | ND | | | | | | |
| MEVINPHOS | 0.001 | ppm | 0.1 | PASS | ND | | | | | | |
| MYCLOBUTANIL | 0.006 | ppm | 3 | PASS | ND | | | | | | |
| NALED | 0.023 | ppm | 0.5 | PASS | ND | | | | | | |
| OXAMYL | 0.009 | ppm | 0.5 | PASS | ND | | | | | | |
| PACLOBUTRAZOL | 0.007 | ppm | 0.1 | PASS | ND | | | | | | |
| PERMETHRINS | 0.008 | ppm | 1 | PASS | ND | | | | | | |
| PHOSMET | 0.009 | ppm | 0.2 | PASS | ND | | | | | | |
| PIPERONYL BUTOXIDE | 0.006 | ppm | 3 | PASS | ND | | | | | | |

Analyzed by: 2803 **Weight:** 1.0150g **Extraction date:** 08/02/23 15:27:11 **Extracted by:** 2803
Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
Analytical Batch : KN004007PES **Reviewed On :** 08/02/23 15:36:43
Instrument Used : E-SHI-125 **Batch Date :** 08/01/23 08:31:27
Running on : N/A
Dilution : 0.01
Reagent : 010523.R11; 030723.R19; 071023.R03; 080123.R01; 122322.R26; 011723.03; 032221.01
Consumables : 302110210; K130252; 22/04/01; 220725; B9291.100; 2126780; 201123-058; 211214634-D; 239146; 947.100; GD220011
Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119
 Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.
 *Based on FL action limits.



Certificate of Analysis

PASSED

Vapen KY, LLC

 710 Kentucky Ave
 Fulton, KY, 42041, US
 Telephone: 2702101087
 Email: dopuckett@outlook.com

 Sample : KN30802007-001
 Harvest/Lot ID: AIO-BB/BW/WM/MW072723

 Batch# : AIO-
 BB/BW/WM/MW072723
 Sampled : 07/27/23
 Ordered : 07/27/23

 Sample Size Received : 9 gram
 Completed : 08/04/23 Expires: 08/04/24

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Residual Solvents

PASSED

| Solvents | LOD | Units | Action Level | Pass/Fail | Result |
|--|------|-------|--------------|-----------|--------|
| PROPANE | 100 | ppm | 5000 | PASS | ND |
| BUTANES (N-BUTANE) | 100 | ppm | 5000 | PASS | ND |
| METHANOL | 20 | ppm | 250 | PASS | ND |
| ETHYLENE OXIDE | 0.2 | ppm | 5 | PASS | ND |
| PENTANES (N-PENTANE) | 32 | ppm | 750 | PASS | ND |
| ETHANOL | 100 | ppm | 5000 | PASS | ND |
| ETHYL ETHER | 10 | ppm | 500 | PASS | ND |
| 1,1-DICHLOROETHENE | 0.6 | ppm | 8 | PASS | ND |
| ACETONE | 40 | ppm | 750 | PASS | ND |
| 2-PROPANOL | 25 | ppm | 500 | PASS | ND |
| ACETONITRILE | 20 | ppm | 60 | PASS | ND |
| DICHLOROMETHANE | 2 | ppm | 125 | PASS | ND |
| N-HEXANE | 10 | ppm | 250 | PASS | ND |
| ETHYL ACETATE | 8.3 | ppm | 400 | PASS | ND |
| CHLOROFORM | 0.04 | ppm | 2 | PASS | ND |
| BENZENE | 0.03 | ppm | 1 | PASS | ND |
| 1,2-DICHLOROETHANE | 0.05 | ppm | 2 | PASS | ND |
| HEPTANE | 53 | ppm | 5000 | PASS | ND |
| TRICHLOROETHYLENE | 0.5 | ppm | 25 | PASS | ND |
| TOLUENE | 5 | ppm | 150 | PASS | ND |
| TOTAL XYLENES - M, P & O - DIMETHYLBENZENE | 15 | ppm | 150 | PASS | ND |

| | | | |
|---------------------------|---------------------|---------------------------------------|----------------------|
| Analyzed by: 138, 3050 | Weight: 0.02134g | Extraction date: 08/03/23 13:58:08 | Extracted by: 138 |
|---------------------------|---------------------|---------------------------------------|----------------------|

| | |
|--|---|
| Analysis Method : SOP.T.40.041.TN Analytical Batch : KN004010SOL Instrument Used : E-SHI-106 Running on : N/A | Reviewed On : 08/03/23 16:36:38 Batch Date : 08/02/23 10:54:28 |
|--|---|

Dilution : N/A
 Reagent : N/A
 Consumables : R2017.167; G201.167
 Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.



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 Email: dopuckett@outlook.com

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 Batch# : AIO-BB/BW/WM/MW072723
 Sampled : 07/27/23
 Ordered : 07/27/23

 Sample Size Received : 9 gram
 Completed : 08/04/23 Expires: 08/04/24

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| | | | | | |
|---|------------------|---------------|---|-------------------|---------------|
|  | Microbial | PASSED |  | Mycotoxins | PASSED |
|---|------------------|---------------|---|-------------------|---------------|

| 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 NIGER | | | Not Present | PASS | |
| ASPERGILLUS TERREUS | | | Not Present | PASS | |

| | | | |
|-------------------|-----------------|------------------------------------|--------------------|
| Analyzed by: 2805 | Weight: 1.0082g | Extraction date: 08/02/23 11:01:57 | Extracted by: 2805 |
|-------------------|-----------------|------------------------------------|--------------------|

Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU
 Analytical Batch : KN004001MIC Reviewed On : 08/04/23 13:42:27
 Instrument Used : E-HEW-069 Batch Date : 07/28/23 09:40:02
 Running on : N/A

Dilution : N/A
 Reagent : 061623.02; 121322.02; 042723.02; 101822.07; 092222.02; 030723.03
 Consumables : 22/04/01; 251773; 242429; 2DAX30621; P7528255; 41218-146C4-146C; 263989; 93825; n/a; 247040; 0150210; 010205; 007109; 013209
 Pipette : E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054; E-THE-055; E-BIO-188

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. With an LOD of 1cfu, if a pathogenic E Coli, Salmonella, A fumigatus, A flavus, A niger, or A terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

| Analyte | LOD | Units | Result | Pass / Fail | Action Level |
|------------------|--------|-------|--------|-------------|--------------|
| AFLATOXIN G2 | 0.0016 | ppm | ND | PASS | 0.02 |
| AFLATOXIN G1 | 0.0012 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B2 | 0.0012 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B1 | 0.0012 | ppm | ND | PASS | 0.02 |
| OCHRATOXIN A+ | 0.002 | ppm | ND | PASS | 0.02 |
| TOTAL MYCOTOXINS | 0.002 | ppm | ND | PASS | 0.02 |

| | | | |
|-------------------|----------------|------------------------------------|--------------------|
| Analyzed by: 2803 | Weight: 1.015g | Extraction date: 08/02/23 15:28:36 | Extracted by: 2803 |
|-------------------|----------------|------------------------------------|--------------------|

Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
 Analytical Batch : KN004008MYC Reviewed On : 08/02/23 15:41:57
 Instrument Used : E-SHI-125 Batch Date : 08/01/23 08:34:08
 Running on : N/A

Dilution : 0.01
 Reagent : 010523.R11; 030723.R19; 071023.R03; 080123.R01; 122322.R26; 011723.03; 032221.01
 Consumables : 302110210; K130252; 22/04/01; 220725; B9291.100; 2126780; 201123-058; 211214634-D; 239146; 947.100; GD220011
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

| | | |
|---|---------------------|---------------|
|  | Heavy Metals | PASSED |
|---|---------------------|---------------|

| Metal | LOD | Units | Result | Pass / Fail | Action Level |
|------------|------|-------|--------|-------------|--------------|
| ARSENIC-AS | 0.02 | ppm | ND | PASS | 0.2 |
| CADMIUM-CD | 0.02 | ppm | ND | PASS | 0.2 |
| MERCURY-HG | 0.02 | ppm | ND | PASS | 0.2 |
| LEAD-PB | 0.02 | ppm | ND | PASS | 0.5 |

| | | | |
|------------------------|-----------------|------------------------------------|--------------------|
| Analyzed by: 2837, 138 | Weight: 0.2547g | Extraction date: 08/02/23 11:52:48 | Extracted by: 2837 |
|------------------------|-----------------|------------------------------------|--------------------|

Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
 Analytical Batch : KN004011HEA Reviewed On : 08/02/23 16:40:24
 Instrument Used : E-AGI-084 Batch Date : 08/02/23 10:56:56
 Running on : N/A

Dilution : N/A
 Reagent : 051123.02; 100422.02; 071923.R01; 071323.R27; 101722.05; 051923.01; 061523.R03; 051523.R39; 071323.R26; 051523.R12; 071423.R01; 071423.R02; 071423.R03; 031623.R02; 041923.R03
 Consumables : 257747; 829C6-829B; 221200; 12606-251CD-251C
 Pipette : E-EPP-081; E-EPP-082

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. LOQ is 0.04 ppm for all metals. *Based on FL action limits.



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Harvest/Lot ID: AIO-BB/BW/WM/MW072723

Batch# : AIO-
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Sampled : 07/27/23
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Sample Size Received : 9 gram
Completed : 08/04/23 Expires: 08/04/24

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| | | |
|---|-------------------------------|---------------|
|  | Filth/Foreign Material | PASSED |
|---|-------------------------------|---------------|

| Analyte | LOD | Units | Result | P/F | Action Level |
|----------------------------|-----|----------|--------|------|--------------|
| Filth and Foreign Material | 1 | detect/g | ND | PASS | 3 |

| | | | |
|----------------------|--------------------|---------------------------------------|-----------------------|
| Analyzed by: 2805 | Weight: 0.6122g | Extraction date: 08/02/23 11:04:08 | Extracted by: 2805 |
|----------------------|--------------------|---------------------------------------|-----------------------|

| | |
|--------------------------------|---------------------------------|
| Analysis Method : SOP.T.40.090 | Reviewed On : 08/02/23 11:09:29 |
| Analytical Batch : KN003972FIL | Batch Date : 07/18/23 12:03:18 |
| Instrument Used : E-AMS-138 | |
| Running on : N/A | |

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

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017



Signature

08/04/23

Signed On