



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA30316003-001

Harvest/Lot ID: DNTW-220127

Batch#: APO230313

Cultivation Facility:

Processing Facility :

Distributor Facility :

Source Facility :

Seed to Sale# N/A

Batch Date: 03/15/23

Sample Size Received: 355 ml

Total Amount: 365 ml

Retail Product Size: 355 ml

Ordered : 03/15/23

Sampled : 03/15/23

Completed: 03/26/23

Sampling Method: SOP.T.20.010.FL



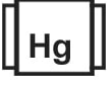






PASSED

Mar 26, 2023 | Apotheca

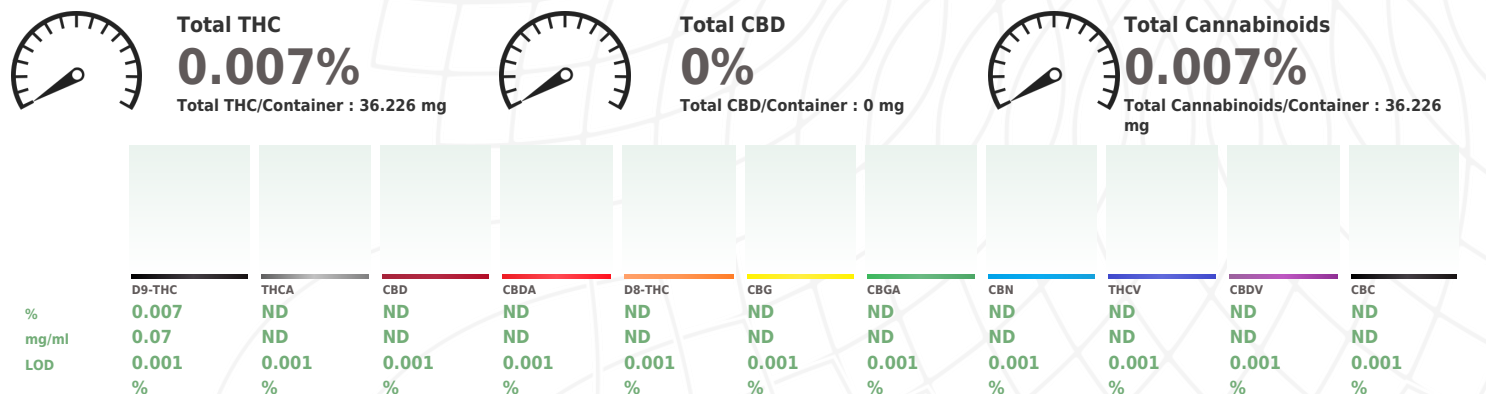
19905 W Catawba Ave 104 A,
Cornelius, NC, 28031

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
									
	Pesticides PASSED	Heavy Metals PASSED	Microbials PASSED	Mycotoxins PASSED	Residuals Solvents PASSED	FiltH PASSED	Water Activity NOT TESTED	Moisture NOT TESTED	Terpenes NOT TESTED

	Cannabinoid	PASSED
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Analyzed by:
2507, 3317, 2155, 1649

Weight:
2.0513g

Extraction date:
03/24/23 14:39:28

Extracted by:
3575

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA057831POT
Instrument Used : GA-HPLC-001 2030C Plus (Infused)
Running on : 03/24/23 17:12:48

Reviewed On : 03/25/23 14:20:40
Batch Date : 03/24/23 11:00:15

Dilution : 4
Reagent : 021323.04; 030323.R43; 010421.44; 011723.04; 071522.04; 030923.R21; 030923.R16
Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; RONB32898; 46610-762A; 944C4 944J; 206639
Pipette : GA-003; GA-005; GA-177; GA-169 (Dispenser); GA-196; GA-209 Dispenser

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



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 19905 W Catawba Ave 104 A,
 Cornelius, NC, 28031
 Telephone: 000-000-0000
 Email: lee@apotheca.org

Sample : GA30316003-001

Harvest/Lot ID: DNTW-220127

Batch# : APO230313

Sampled : 03/15/23

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Total Amount : 365 ml

Completed : 03/26/23 Expires: 03/26/24

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
COUMAPHOS	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						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						

Analyzed by: 3303, 3317, 2155, 1649 Weight: 1.0174g Extraction date: 03/24/23 11:30:36 Extracted by: 3575

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)

Analytical Batch : GA057833PES

Instrument Used : GA-LCMS-002 PES

Running on : 03/24/23 13:47:42

Reviewed On : 03/25/23 14:02:10

Batch Date : 03/24/23 11:01:03

Dilution : 10

Reagent : 032423.R20; 011122.06; 030723.R19; 030723.R25

Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173

Pipette : GA-003; GA-210 Dispenser

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Analyzed by: 2155, 3317, 1649 Weight: 1.0174g Extraction date: 03/24/23 11:30:36 Extracted by: 3575

Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL

Analytical Batch : GA057848VOL

Instrument Used : GA-GCMS-006

Running on : 03/24/23 14:41:50

Reviewed On : 03/25/23 11:45:51

Batch Date : 03/24/23 12:48:19

Dilution : 10

Reagent : 032423.R20; 011122.06; 021723.R25

Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173; 55447-

U.15143701; 944C4 944; 206639

Pipette : GA-003; GA-005; GA-177; GA-210 Dispenser

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Apotheca

 19905 W Catawba Ave 104 A,
 Cornelius, NC, 28031
 Telephone: 000-000-0000
 Email: lee@apotheca.org

 Sample : GA30316003-001
 Harvest/Lot ID: DNTW-220127

 Batch# : APO230313
 Sampled : 03/15/23
 Ordered : 03/15/23

 Sample Size Received : 355 ml
 Total Amount : 365 ml
 Completed : 03/26/23 Expires: 03/26/24
 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	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
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:
 2155, 3317, 1649

 Weight:
 0.0246g

 Extraction date:
 03/24/23 16:40:13

 Extracted by:
 3298,2155

 Analysis Method : SOP.T.40.041.FL
 Analytical Batch : GA057832SOL
 Instrument Used : GA-GCMS-001 Headspace Solvent
 Running on : 03/24/23 16:45:36

 Reviewed On : 03/25/23 12:11:18
 Batch Date : 03/24/23 11:00:37

 Dilution : N/A
 Reagent : 010421.47
 Consumables : 27296; 854996
 Pipette : GA-247

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



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 Telephone: 000-000-0000
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 Sample : GA30316003-001
 Harvest/Lot ID: DNTW-220127

 Batch# : APO230313
 Sampled : 03/15/23
 Ordered : 03/15/23

 Sample Size Received : 355 ml
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 Completed : 03/26/23 Expires: 03/26/24
 Sample Method : SOP.T.20.010.FL

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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000						
Analyzed by: 1790, 3317, 1649	Weight: 1.17g	Extraction date: 03/24/23 11:50:45	Extracted by: 3721			Analyzed by: 3303, 3317, 2155, 1649	Weight: 1.0174g	Extraction date: 03/24/23 11:30:36	Extracted by: 3575		
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL						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 : GA057828MIC			Reviewed On : 03/26/23 12:15:18			Analytical Batch : GA057847MYC			Reviewed On : 03/25/23 14:04:30		
Instrument Used : GA-MIC-001 bioMérieux Gene Up RTPCR			Batch Date : 03/24/23 10:50:11			Instrument Used : GA-LCMS-002 MYC			Batch Date : 03/24/23 12:48:17		
Running on : 03/25/23 12:49:14						Running on : 03/24/23 13:47:46					
Dilution : 10						Dilution : 10					
Reagent : 061721.08; 022123.R35; 120722.13; 051922.07						Reagent : 032423.R20; 011122.06; 030723.R19; 030723.R25					
Consumables : GA-212; 1009451170; BDG200122; 41064-115C4-115 B; 61630-123C6-123E; 8LCJ0511R						Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173					
Pipette : GA-021; GA-154; GA-140						Pipette : GA-003; GA-210 Dispenser					
Microplate reader utilizing Liquid Chromatography with Total Organically Mass Spectrometry											

Analyzed by: 3721, 1790, 3317, 1649	Weight: 1.17g	Extraction date: 03/24/23 11:49:42	Extracted by: 3721
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL			
Analytical Batch : GA057829TYM		Reviewed On : 03/26/23 12:16:55	
Instrument Used : GA-TYM-001 bioMérieux Tempo Filler and Reader		Batch Date : 03/24/23 10:51:05	
Running on : 03/24/23 11:51:02			
Dilution : 10			
Reagent : 061721.08; 110322.03			
Consumables : 2310010; 2312130; GA-185; 61630-123C6-123E			
Pipette : GA-140			

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

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.05	ppm	ND	PASS	0.5
Analyzed by: 3303, 2507, 1649	Weight: 0.5133g	Extraction date: 03/24/23 11:23:09		Extracted by: 3655,3303	
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : GA057761HEA			Reviewed On : 03/24/23 17:12:25		
Instrument Used : GA-ICPMS-002			Batch Date : 03/23/23 10:41:29		
Running on : 03/24/23 14:02:10					
Dilution : 100					
Reagent : 030123.R48; 031523.R44; 010421.44; 071522.04; 011523.R02; 011523.R01; 110122.R06; 011523.R04; 011523.R03					
Consumables : 212823; CGR0114; 12543-226CD-226C					
Pipette : GA-012; GA-193; GA-201					

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



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Harvest/Lot ID: DNTW-220127

Batch# : APO230313
Sampled : 03/15/23
Ordered : 03/15/23

Sample Size Received : 355 ml
Total Amount : 365 ml
Completed : 03/26/23 **Expires:** 03/26/24
Sample Method : SOP.T.20.010.FL

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**Filth/Foreign
Material**
PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 3600, 3575, 1649	Weight: 341g	Extraction date: 03/24/23 11:18:42	Extracted by: 3600
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Analysis Method : SOP.T.40.090

Analytical Batch : GA057827FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Running on : N/A

Reviewed On : 03/24/23 17:01:13

Batch Date : 03/24/23 10:42:41

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.



2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US

Kaycha Labs

Apotheca D9 Pineapple Express Infused Seltzer

N/A

Matrix : Edible



Certificate of Analysis

PASSED

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Sample Method : SOP.T.20.010.FL

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COMMENTS

* Label GA30316003-001LAB

1 - This COA reflects total cannabinoids per can. A can liner rinse was performed, in addition to a liquid extraction from the beverage itself, to determine any adsorption. The COA reflects the total result from both analyses. Total available cannabinoids are best represented by the beverage extraction, which yielded 24.85 mg per can.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Miranda MacDonald
Lab Director

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164

Signature

03/26/23

Signed On