



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30228009-004

Harvest/Lot ID: HGAA22

Batch#: HGAA22

Cultivation Facility:

Processing Facility:

Distributor Facility:

Source Facility:

Seed to Sale# N/A

Batch Date: 08/05/22

Sample Size Received: 30 ml

Total Amount: 30 ml

Retail Product Size: 30 ml

Ordered: 02/23/23

Sampled: 02/23/23

Completed: 03/02/23

Sampling Method: SOP.T.20.010.FL

PASSED

Mar 02, 2023 | PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US



Pages 1 of 5

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**



	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	1.018	ND	ND	0.932	ND	<0.02	ND	ND	ND
mg/ml	ND	ND	9.365	ND	ND	8.574	ND	<0.184	ND	ND	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, 585, 1440 Weight: 3.02g Extraction date: 02/28/23 12:05:04 Extracted by: 3112

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA056733POT
Instrument Used : DA-LC-003 (Derivatives)
Running on : 02/28/23 12:08:46

Reviewed On : 03/02/23 13:19:05
Batch Date : 02/28/23 09:10:24

Dilution : 400
Reagent : 022123.R07; 071222.01; 022123.R08
Consumables : 245081; CE0123; 12607-302CC-302; 61633-125C6-125E; R1KB14270
Pipette : DA-079; DA-108; DA-078

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



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2615 state Road 7
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Telephone: 9543050078
Email: johnny@pharmacanna.us

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Harvest/Lot ID: HGAA22

Batch# : HGAA22
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Sample Method : SOP Client Method

Page 2 of 5



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	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	3379, 585, 1440	0.2218g	02/28/23 12:44:07	1665,3379		
DIMETHOATE	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),					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	SOP.T.40.102.FL (Davie)					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA056742PES			Reviewed On :03/01/23 11:13:11		
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Instrument Used :N/A			Batch Date :02/28/23 09:38:50		
FENHEXAMID	0.01	ppm	3	PASS	ND	Running on : 02/28/23 12:58:48					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Reagent : 022423.R05; 022723.R03; 022723.R02; 022823.R09; 022123.R33; 022223.R01; 040521.11					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FLONICAMID	0.01	ppm	2	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	1665, 585, 1440	0.2218g	N/A	1665		
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analysis Method :SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Analytical Batch : DA056744VOL			Reviewed On :03/01/23 10:43:07		
MALATHION	0.01	ppm	2	PASS	ND	Instrument Used :DA-GCMS-006			Batch Date :02/28/23 09:40:42		
METALAXYL	0.01	ppm	3	PASS	ND	Running on : 02/28/23 12:45:20					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 25					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 022723.R02; 040521.11; 022523.R01; 022523.R02					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	Pipette : DA-080; DA-146; DA-218					
NALED	0.01	ppm	0.5	PASS	ND	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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 Email: johnny@pharmacanna.us

 Sample : DA30228009-004
 Harvest/Lot ID: HGAA22

 Batch# : HGAA22
 Sampled : 02/23/23
 Ordered : 02/23/23

 Sample Size Received : 30 ml
 Total Amount : 30 ml
 Completed : 03/02/23 Expires: 03/02/24
 Sample Method : SOP Client Method

Page 3 of 5



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		TESTED	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: 850, 585, 1440	Weight: 0.0237g	Extraction date: 02/28/23 15:44:20	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL Analytical Batch : DA056752SOL Instrument Used : DA-GCMS-003 Running on : 03/01/23 13:16:59	Reviewed On : 03/01/23 14:28:12 Batch Date : 02/28/23 15:34:38
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Dilution : 1
 Reagent : 030420.09
 Consumables : 27296; 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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Harvest/Lot ID: HGAA22
Batch# : HGAA22
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Sample Method : SOP Client Method

Page 4 of 5

	Microbial	PASSED		Mycotoxins	PASSED
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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	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3390, 3336, 585, 1440
Weight: 0.8393g
Extraction date: 02/28/23 11:43:03
Extracted by: 3390
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA056731MIC
Instrument Used : DA-265 Gene-UP RTPCR
Running on : 02/28/23 11:53:28
Reviewed On : 03/02/23 13:17:17
Batch Date : 02/28/23 09:08:50
Dilution : N/A
Reagent : 022323.R28; 022323.R04
Consumables : 2112100
Pipette : N/A

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, 585, 1440
Weight: 0.2218g
Extraction date: N/A
Extracted by: 1665
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 : DA056743MYC
Instrument Used : N/A
Running on : 02/28/23 12:59:14
Reviewed On : 03/01/23 11:16:11
Batch Date : 02/28/23 09:40:11
Dilution : N/A
Reagent : 022423.R05; 022723.R03; 022723.R02; 022823.R09; 022123.R33; 022223.R01; 040521.11
Consumables : 6697075-02
Pipette : DA-093; DA-094; DA-219

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

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3390, 585, 1440
Weight: 0.9412g
Extraction date: 02/28/23 11:51:51
Extracted by: 3390
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA056750TYM
Instrument Used : Incubator (25-27C) DA-097
Running on : 02/28/23 12:14:17
Reviewed On : 03/02/23 16:40:02
Batch Date : 02/28/23 11:49:16
Dilution : 10
Reagent : 110822.13; 013123.R21
Consumables : N/A
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.

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS					
ARSENIC	0.11	ppm	ND	PASS	5
CADMIUM	0.02	ppm	ND	PASS	1.5
MERCURY	0.02	ppm	ND	PASS	0.5
LEAD	0.02	ppm	ND	PASS	3
	0.05	ppm	ND	PASS	0.5

Analyzed by: 1022, 585, 1440
Weight: 0.4303g
Extraction date: 02/28/23 11:11:45
Extracted by: 1022,3619
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA056729HEA
Instrument Used : DA-ICPMS-003
Running on : 03/01/23 11:58:23
Reviewed On : 03/02/23 08:37:46
Batch Date : 02/28/23 08:40:29
Dilution : 50
Reagent : 021723.R02; 123022.R14; 022423.R26; 022423.R04; 022423.R24; 022423.R25; 021423.R08; 022323.R22; 020123.02
Consumables : 179436; 210508058; 12608-302CD-302C
Pipette : DA-061; 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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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: 1879, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.090
Analytical Batch : DA056795FIL
Instrument Used : Filth/Foreign Material Microscope
Running on : 03/01/23 12:07:52

Reviewed On : 03/01/23 12:11:50
Batch Date : 03/01/23 12:05:10

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.