Hepworth Ag, Inc
Address: 1637 Route 9W
Milton, NY 12547
Contact Name: Angela Garavito
Contact Phone: 845-597-1086
License #: OCM-AUCC-22-000113/OCM-AUCP-22-000021
Sample ID: 4832

Certificate: 4832.1

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Gardenhouse - Vape Cartridge 1.0g - Domcart - Pacific Mango

Lot #: VC051524-001
Sample ID: 4832
Regulatory Category: Adult Use
Received: 05/22/2024
Sampling Location: 1637 Route 9W Milton, NY 12547

Lot Size: 897
Sample Type: Concentrate
Amount Received: 10 units
Sample Collected: 05/21/2024 02:03 PM
Published: 05/29/2024

COMPLIANCE FOR RETAIL

Cannabinoid Profile: Not Tested	Average Cannabinoid Profile: Pass	Terpenes Total: Pass	Pass — Sample Status
Pesticides: Pass	Mycotoxins: Pass	Residual Solvents: Pass	91.4% — Total THC
Trace Metals: Pass	Microbial Contaminants: Pass	Moisture Analysis: Not Tested	<LOQ — Total CBD
Water Activity: Not Tested	Filth & Foreign: Not Tested		100 % — Total Cannabinoids

Report Notes: N/A

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Average Cannabinoid Profile

Pass

Sample Analysis

Date: 05/29/2024 04:25 PM
SOP: NY.SOP.T.40.260
Analyzed By: HPLC
Sample Weight: N/A
Analyst: Destiny Ribadeneyra

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity†
Total Tetrahydrocannabinol (THC)	-	91.4	914	
Tetrahydrocannabinolic acid (THCA)	0.500	<LOQ	<LOQ	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	91.4	914	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	<LOQ	<LOQ	
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.500	<LOQ	<LOQ	
Total Active Tetrahydrocannabivarin (THCV)	-	0.581	5.81	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.500	0.581	5.81	
Total Active Cannabigerol (CBG)	-	3.60	36.0	
Cannabigerolic acid (CBGA)	0.500	<LOQ	<LOQ	
Cannabigerol (CBG)	0.500	3.60	36.0	
Cannabidivarin (CBDV)	0.500	<LOQ	<LOQ	
Cannabinol (CBN)	0.500	1.04	10.4	
Cannabichromene (CBC)	0.500	3.30	33.0	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity†
Total Cannabinoids	100	1000	

*** Analyte is not included in ISO 17025 scope of accreditation**
† Concentration of individual samples must be ±25% of the mean concentration
Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA);
Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);
Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 1.0 g

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Terpene Total

Pass (0.9200%)

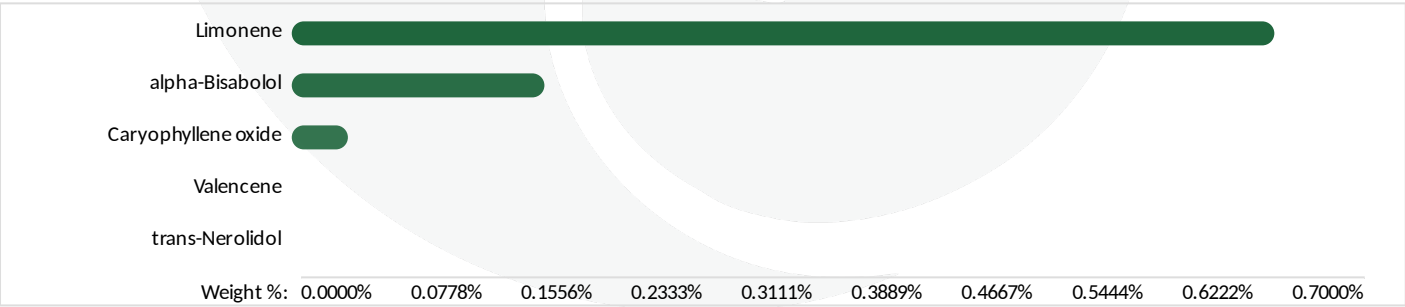
Sample Analysis

Date: 05/29/2024 09:50 AM
Sample Weight: 0.50668 g
Analyst: Stephanie Knapp
SOP: NY.SOP.T.40.090
Analyzed By: GC-MS

Analyte	LOQ (%)	Results (%)
3-Carene	0.02000	<LOQ
alpha-Bisabolol	0.02000	0.1800
alpha-Humulene	0.03000	<LOQ
alpha-Phellandrene	0.03000	<LOQ
alpha-Pinene	0.02000	<LOQ
alpha-Terpinene	0.01000	<LOQ
alpha-Terpineol	0.02000	<LOQ
beta-Myrcene	0.03000	<LOQ
beta-Pinene	0.03000	<LOQ
Borneol	0.02000	<LOQ
Camphene	0.02000	<LOQ
Camphor	0.02000	<LOQ
Caryophyllene oxide	0.03000	0.04000
Cedrene	0.02000	<LOQ
Cedrol	0.03000	<LOQ
cis-Nerolidol	0.03000	<LOQ
cis-Ocimene	0.03000	<LOQ
Eucalyptol	0.04000	<LOQ
Farnesene	0.04000	<LOQ
Fenchone	0.03000	<LOQ

Analyte	LOQ (%)	Results (%)
gamma-Terpinene	0.02000	<LOQ
gamma-Terpineol	0.02000	<LOQ
Geraniol	0.02000	<LOQ
Geranyl acetate	0.03000	<LOQ
Guaiol	0.03000	<LOQ
Isoborneol	0.02000	<LOQ
Isopulegol	0.03000	<LOQ
Limonene	0.04000	0.7000
Linalool	0.02000	<LOQ
Menthol	0.02000	<LOQ
Nerol	0.03000	<LOQ
Pulegone (+)	0.03000	<LOQ
Sabinene	0.02000	<LOQ
Sabinene Hydrate	0.02000	<LOQ
Terpinolene	0.02000	<LOQ
trans-b-Ocimene	0.02000	<LOQ
trans-Caryophyllene	0.03000	<LOQ
trans-Nerolidol	0.04000	<LOQ
Valencene	0.03000	<LOQ

Terpene Totals	%	Pass/Fail
Total Terpenes	0.9200	PASS



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Trace Metals

Pass

Sample Analysis

Date: 05/24/2024 11:00 AM
SOP: NY.SOP.T.40.050
Analyzed By: ICP-MS
Sample Weight: N/A
Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<LOQ	PASS
Arsenic (As)*	0.0700	0.200	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.300	<LOQ	PASS
Chromium (Cr)*	0.360	110	<LOQ	PASS
Copper (Cu)*	0.390	30.0	<LOQ	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	2.00	0.305	PASS

*** Analyte is not included in ISO 17025 scope of accreditation**

Mycotoxin Analysis

Pass

Sample Analysis

Date: 05/29/2024 06:49 PM
SOP: NY.SOP.T.40.180
Analyzed By: LC-MS/MS
Sample Weight: 0.10048 g
Analyst: Stephanie Knapp

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<LOQ	PASS
Aflatoxin B2	0.0020	0.020	<LOQ	PASS
Aflatoxin G1	0.0010	0.020	<LOQ	PASS
Aflatoxin G2	0.0020	0.020	<LOQ	PASS
Ochratoxin A	0.0020	0.020	<LOQ	PASS

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Pesticides LC

Pass

Sample Analysis

Date: 05/28/2024 02:33 PM
SOP: NY.SOP.T.040.270
Analyzed By: LC-MS/MS
Sample Weight: 1.01398 g
Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin*	0.0180	0.500	<LOQ	PASS
Acephate*	0.00700	0.400	<LOQ	PASS
Acequinocyl*	0.0160	2.00	<LOQ	PASS
Acetamiprid*	0.00500	0.200	<LOQ	PASS
Aldicarb*	0.00500	0.400	<LOQ	PASS
Azadirachtin*	0.0220	1.00	<LOQ	PASS
Azoxystrobin*	0.00600	0.200	<LOQ	PASS
Bifenazate*	0.00600	0.200	<LOQ	PASS
Bifenthrin*	0.00300	0.200	<LOQ	PASS
Boscalid*	0.0110	0.400	<LOQ	PASS
Carbaryl*	0.00600	0.200	<LOQ	PASS
Carbofuran*	0.00500	0.200	<LOQ	PASS
Chlorantraniliprole*	0.00600	0.200	<LOQ	PASS
Chlormequat chloride*	0.0190	1.00	<LOQ	PASS
Chlorpyrifos*	0.00900	0.200	<LOQ	PASS
Clofentezine*	0.0100	0.200	<LOQ	PASS
Daminozide*	0.00400	1.00	<LOQ	PASS
Diazinon*	0.00700	0.200	<LOQ	PASS
Dichlorvos*	0.0120	1.00	<LOQ	PASS
Dimethoate*	0.00600	0.200	<LOQ	PASS
Dimethomorph*	0.00500	1.00	<LOQ	PASS
Ethoprophos*	0.0130	0.200	<LOQ	PASS
Etofenprox*	0.00300	0.400	<LOQ	PASS
Etoxazole*	0.00500	0.200	<LOQ	PASS
Fenhexamid*	0.0150	1.00	<LOQ	PASS
Fenoxycarb*	0.0110	0.200	<LOQ	PASS
Fenpyroximate*	0.00200	0.400	<LOQ	PASS
Flonicamid*	0.00700	1.00	<LOQ	PASS
Fludioxonil*	0.0170	0.400	<LOQ	PASS
Hexythiazox*	0.00500	1.00	<LOQ	PASS

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Imidacloprid*	0.00800	0.400	<LOQ	PASS
Indole-3-butyric acid*	0.00700	1.00	<LOQ	PASS
Kresoxim methyl*	0.0120	0.400	<LOQ	PASS
Malathion*	0.0110	0.200	<LOQ	PASS
Metalaxyl*	0.0120	0.200	<LOQ	PASS
Methiocarb*	0.00400	0.200	<LOQ	PASS
Methomyl*	0.0120	0.400	<LOQ	PASS
Mevinphos*	0.0190	1.00	<LOQ	PASS
MGK-264*	0.0110	0.200	<LOQ	PASS
Myclobutanil*	0.0130	0.200	<LOQ	PASS
Naled*	0.00500	0.500	<LOQ	PASS
Oxamyl*	0.00800	1.00	<LOQ	PASS
Paclobutrazol*	0.0150	0.400	<LOQ	PASS
Permethrins, Total*	0.00900	0.200	<LOQ	PASS
Phosmet*	0.00700	0.200	<LOQ	PASS
Piperonyl Butoxide*	0.00600	2.00	<LOQ	PASS
Prallethrin*	0.00800	0.200	<LOQ	PASS
Propiconazole*	0.00600	0.400	<LOQ	PASS
Propoxur*	0.00800	0.200	<LOQ	PASS
Pyrethrins*	0.0140	1.00	<LOQ	PASS
Pyridaben*	0.00600	0.200	<LOQ	PASS
Spinetoram, Total*	0.00500	1.00	<LOQ	PASS
Spinosad, Total*	0.00600	0.200	<LOQ	PASS
Spiromesifen*	0.0130	0.200	<LOQ	PASS
Spirotetramat*	0.00600	0.200	<LOQ	PASS
Spiroxamine*	0.00400	0.200	<LOQ	PASS
Tebuconazole*	0.0120	0.400	<LOQ	PASS
Thiacloprid*	0.00800	0.200	<LOQ	PASS
Thiamethoxam*	0.00800	0.200	<LOQ	PASS

*** Analyte is not included in ISO 17025 scope of accreditation**

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 4832.1

Pesticides GC

Pass

Sample Analysis

Date: 05/28/2024 02:52 PM
SOP: NYS.SOP.T.040.271
Analyzed By: GC-MS/MS
Sample Weight: 1.01398 g
Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan*	0.300	1.00	<LOQ	PASS
Chlordane*	0.0700	1.00	<LOQ	PASS
Chlorfenapyr*	0.100	1.00	<LOQ	PASS
Coumaphos*	0.190	1.00	<LOQ	PASS
Cyfluthrin*	0.110	1.00	<LOQ	PASS
Cypermethrin*	0.240	1.00	<LOQ	PASS
Fipronil*	0.170	0.400	<LOQ	PASS
Imazalil*	0.170	0.200	<LOQ	PASS
Methyl parathion*	0.0900	0.200	<LOQ	PASS
Pentachloronitrobenzene*	0.170	1.00	<LOQ	PASS
Trifloxystrobin*	0.110	0.200	<LOQ	PASS

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Residual Solvents

Pass

Sample Analysis

Date: 05/29/2024 05:09 PM
SOP: NYS.SOP.T.040.272
Analyzed By: GC-MS
Sample Weight: 0.09269 g
Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	0.670	5.00	<LOQ	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	21.7	5000	245	PASS
Acetone (2-Propanone)	15.9	5000	<LOQ	PASS
Acetonitrile	0.850	410	<LOQ	PASS
Benzene	0.710	2.00	<LOQ	PASS
Butanes, Total	4.85	5000	<LOQ	PASS
Chloroform	0.540	60.0	<LOQ	PASS
Dichloromethane (Methylene chloride)	1.07	600	<LOQ	PASS
Dimethyl sulfoxide (DMSO)	0.660	5000	<LOQ	PASS
Ethanol (Ethyl alcohol)	10.0	5000	111	PASS
Ethyl acetate (Acetic acid ethyl ester)	18.4	5000	<LOQ	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	0.440	5000	<LOQ	PASS
Heptane (n-Heptane)	0.360	5000	<LOQ	PASS
Hexanes, Total	0.420	290	<LOQ	PASS
Methanol (Methyl alcohol)	2.47	3000	<LOQ	PASS
Pentanes, Total	0.370	5000	<LOQ	PASS
Propane	0.530	5000	<LOQ	PASS
Toluene (Methylbenzene)	2.34	890	<LOQ	PASS
Trichloroethane (1,1,1-)	0.410	1500	<LOQ	PASS
Tetrafluoroethane (1,1,1,2-) (HFC134a)*	1.00	1000	<LOQ	PASS
Xylenes, Total (ortho-, meta-, para-)	3.63	2170	<LOQ	PASS

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Microbial Impurities - MDG

Pass

Sample Analysis

Date: 05/28/2024 02:09 PM **SOP:** NYS.SOP.T.40.273

Analyzed By: PCR

Analyst: Kristy Lee

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS

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Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 05/28/2024 08:28 AM **SOP:** NYS.SOP.T.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 05/28/2024 05:24 PM **SOP:** NYS.SOP.T.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<LOQ	PASS
Mold Count	5	1000	<LOQ	PASS
Yeast Count	5	1000	<LOQ	PASS

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