

CERTIFICATE OF ANALYSIS



Customer: HPL Wholesale
3017 Greene St
Hollywood, FL 33020

Batch #: Pangaia
Laboratory Number: ATL-14078

Report Issue Date: 6/28/2023

Order Date: 6/20/2023

Analysis Date: 6/27/2023

Sample Description:

CBD Flower Hawaiian Haze

Unit Weight: 1g / Flower



Extraction Technician: AY

Analytical Chemist: AY

Abraham Jacaman
Laboratory Manager

MICROBIOLOGY ANALYSIS

Microbe(s)	CFU Detected	Limit of Detection (CFU/g)	CFU/g	PASS / FAIL
Total Aerobic Bacteria	NT	10	NT	NT
Yeast and Mold	NT	10	NT	NT
Enterobacteriaceae	NT	10	NT	NT
Staph. Aureus	NT	10	NT	NT

NOTES



Document ID: ATL-235 Revision: 01 Effective Date: 05/13/2022

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TNTC: Too numerous to count - ND: Not Detected - NA: Not Applicable - CFU: Colony-forming unit 1-Pass/Fail criteria based on CMTL sample testing Florida Department of Health Emergency Rule for 2020, Pass: Results within limits /specifications, Fail: Results exceed limits/specifications Accurate Test Lab estimated expanded uncertainty(CFU/g): -Aerobic Plate Count: 10 -Staphylococcus Aureus: 4 - Yeast: 4 - Mold: 2 - Enterobacteriaceae: 6. Analysis Method: ATL-PHI-002

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Analytical Chemist: AA

Unit Weight: 1g / Flower

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Laboratory Manager

PESTICIDES PROFILE

Analyte	RESULT	PASS/FAIL	Analyte	RESULT	PASS/FAIL	Analyte	RESULT	PASS/FAIL
Acephate-	ND	PASS	Ethoprophos	ND	PASS	Pyrethrins	ND	PASS
Aoequinooyl	ND	PASS	Etofenprox	ND	PASS	Pyridaben	ND	PASS
Acetamiprid	ND	PASS	Etoxazole	ND	PASS	Spiroxamine	ND	PASS
Azoxystrobin	ND	PASS	Fenoxycarb	ND	PASS	Tebuconazole	ND	PASS
Bifenazate	NT	-	Fipronil	ND	PASS	Thiacloprid	ND	PASS
Bifenthrin-	ND	PASS	Fludioxonil	ND	PASS	Thiamethoxam	ND	PASS
Boscalid	ND	PASS	Imazalil	ND	PASS	Trifloxystrobin	ND	PASS
Captan	ND	PASS	Kresoxim-methyl	ND	PASS			
Carbaryl	ND	PASS	Malathion	ND	PASS			
Carbofuran	ND	PASS	Metalaxyl	ND	PASS			
Chlorantraniliprole	ND	PASS	Methiocarb	ND	PASS			
Chlordane	ND	PASS	Methyl Parathion	ND	PASS			
Chlorfenapyr	ND	PASS	Mevinphos	ND	PASS			
Chlorpyrifos	ND	PASS	Myclobutanil	ND	PASS			
Clofentezine	ND	PASS	Naled	ND	PASS			
Coumaphos	ND	PASS	Pacllobutrazol	ND	PASS			
Cyfluthrin	ND	PASS	Pentachloronitrobenzene	ND	PASS			
Cypermethrin	ND	PASS	Permethrin	ND	PASS			
Diazinon	ND	PASS	Phosmet-	ND	PASS			
Dichlorvos	ND	PASS	Piperonyl butoxide-	ND	PASS			
Dimethoate	ND	PASS	Propiconazole	ND	PASS			
Dimethomorph	ND	PASS	Propoxur	ND	PASS			

NOTES
Not tested due to interference: Bifenazate



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T:Trace Cannabinoids detected but are below limit of quantification.

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CBD Flower hawaiian haze

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Extraction Technician: LL
Analytical Chemist: LL

Abraham Giacaman
Laboratory Manager

CANNABINOID PROFILE -15 COUNTS

Analyte	LOQ (mg/g)	Results mg/flower	%
CBDV-A	<0.011	0.910	0.091
CBDV	<0.011	<LOQ	<LOQ
CBD-A	<0.008	125.640	12.564
CBG-A	<0.008	2.910	0.291
CBG	<0.007	0.530	0.053
CBD	<0.008	13.100	1.310
THCV	<0.008	N/D	N/D

Analyte	LOQ (mg/g)	Results mg/flower	%
THCV-A	<0.005	N/D	N/D
CBN	<0.011	N/D	N/D
D9-THC	<0.014	1.350	0.135
D8-THC	<0.005	N/D	N/D
9S-D10-THC	<0.005	N/D	N/D
9R-D10-THC	<0.002	N/D	N/D
CBC	<0.009	1.370	0.137

Analyte	LOQ (mg/g)	Results mg/flower	%
CBC-A	<0.005	7.220	0.722
THC-A	<0.03	4.460	0.446

Max Active THC	mg/flower	%
	5.26	0.53
Max Active CBD	mg/flower	%
	123.29	12.33

Total Active Cannabinoids	mg/flower	%
	140.12	14.01
Total Cannabinoids	mg/flower	%
	157.49	15.75

NOTES

Empty box for notes

Cannabidiol (CBD) Cannabidivarin (CBDV) Cannabidiolic Acid (CBDA) Cannabigerolic Acid (CBGA) Cannabigerol (CBG) Cannabidiol (CBD) Tetrahydrocannabinol (THC) Tetrahydrocannabinolic Acid (THCA) Cannabinol (CBN) Delta-9-Tetrahydrocannabinol (D9-THC) Delta-8-Tetrahydrocannabinol (D8-THC) 9S-Delta-10-Tetrahydrocannabinol (9S-D10-THC) 9R-Delta-10-Tetrahydrocannabinol (9R-D10-THC) Cannabichromene (CBC) Cannabichromenic Acid (CBCA) Tetrahydrocannabinolic Acid (THCA)

Document ID: ATL-225 Revision: 03 Effective Date: 5/16/2023

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Analysis Method: ATL-LCM-001. Accurate Test Lab estimated expanded uncertainty is 13% as per in VALIDATION AND VERIFICATION OF ATL-LCM-001 (ATL-500A)



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Extraction Technician: LL
Analytical Chemist: LL

Abraham Giacaman
Laboratory Manager

FILTH & FOREIGN MATERIALS PROFILE

Filth & Foreign Materials	% Detected by Weight	Allowable Criteria	PASS / FAIL
Mold / Mildew / Fungus	ND	<1% By Weight	PASS
Hair	ND	<1% By Weight	PASS
Insects	ND	<1% By Weight	PASS
Feces	ND	<0.5%By Weight	PASS
Packaging Contaminants	ND	<1% By Weight	PASS
Other	ND		NA

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Extraction Technician: AA

Analytical Chemist: AA

Abraham Giacaman
Laboratory Manager

RESIDUAL SOLVENTS PROFILE

Analyte	Concentration (PPM)	Action Limit (PPM)	PASS/FAIL
1-1 Dichloroethene	<LOQ	8	PASS
1-2 Dichloroethane	<LOQ	2	PASS
Acetone	<LOQ	750	PASS
Acetonitrile	<LOQ	60	PASS
Benzene	<LOQ	1	PASS
Butane	<LOQ	5000	PASS
Chloroform	<LOQ	2	PASS
Ethyl Acetate	<LOQ	400	PASS
Ethyl Alcohol	104.15	5000	PASS
Ethyl Ether	<LOQ	500	PASS
Ethylene Oxide	<LOQ	5	PASS
n-Heptane	<LOQ	5000	PASS
n-Hexane	<LOQ	250	PASS
Isopropyl Alcohol	<LOQ	500	PASS
Methyl Alcohol	<LOQ	250	PASS
Methylene Chloride	<LOQ	125	PASS
n-Pentane	<LOQ	750	PASS
Propane	<LOQ	5000	PASS
Toluene	<LOQ	150	PASS
Trichloroethylene	<LOQ	25	PASS
Xylenes	<LOQ	150	PASS

NOTES

Document ID: ATL-230 Revision: 01 Effective Date: 05/13/2022

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N/D: Not Detected LOQ: Limit of quantification
Analysis Method: ATL-GCM-001

1-Pass/Fail statement is based on Florida Department of Health, Rule No 64ER-20-39. Accurate Test Lab estimated expanded uncertainty is 25%, Following NIST, EURACHEM & CITAC guidelines.



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