HIPharmLabs Certificate of Analysis Compliance

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77 Hookele St 101, Kahului, HI 96732
ISO/IEC 17025:2005 Certification L17-427-2 | Accreditation #85368
(https://www.dropbox.com/s/cg2sgbsec6mwmzn/L17-427-2_PharmLabs_Hawaii.pdf?dl=0)

Sample **OG** PASS

Sample ID **HI181024-001 (829)**	Matrix **Flower**	Sample Size	Batch Size	Batch ID	Sample ID **~0082240882884012** PASS
Tested for **Green Aloha**					
Sampled **-**	Received **Oct 24, 2018**			Reported **Oct 27, 2018**	
Analyses executed **FULLDOH**					

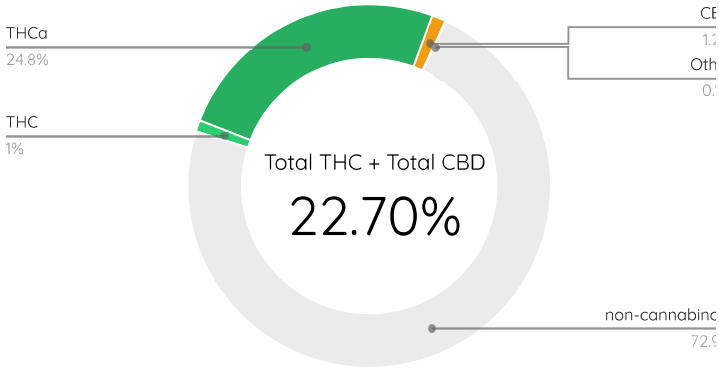
DOHP - Compliance Cannabinoids Analysis

Analyzed **Oct 26, 2018** | Instrument **HPLC** | Method **M-004, SOP-009, SOP-015, SOP-019**

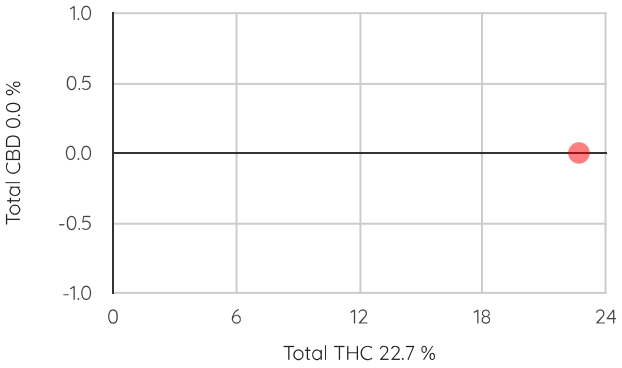
Analyte	Result %	Result mg/g
Tetrahydrocannabinol (THC)	**0.99**	**9.94**
Tetrahydrocannabinolic Acid (THCa)	**24.75**	**247.53**
Tetrahydrocannabivarin (THCV)	**ND**	**ND**
Tetrahydrocannabivarin Acid (THCVa)	**ND**	**ND**
Cannabidiol (CBD)	**ND**	**ND**
Cannabidiolic Acid (CBDa)	**ND**	**ND**
Cannabinol (CBN)	**0.08**	**0.78**
Cannabigerol (CBG)	**1.24**	**12.37**
Total THC (THCa * 0.877 + THC)	**22.70**	**227.00**
Total CBD (CBDa * 0.877 + CBD)	**0.00**	**0.00**

Cannabinoid Profile Visualization

Breakdown of the main cannabinoids quantified.



THC:CBD ratio quantified in sample



DOHMET - Heavy Metals Detection Analysis N/A

Analyzed **Oct 26, 2018** | Instrument **ICP/MS**

Analyte	Result PPM	Limit PPM	Analyte	Result PPM	Limit PPM
Arsenic (As)	**ND**		Cadmium (Cd)	**ND**	
Lead (Pb)	**ND**		Mercury (Hg)	**ND**	

DOHMIB - Mycotoxin Testing Analysis N/A

Analyzed **Oct 26, 2018** | Instrument **Plating and ELISA Reader** | Method **SOP-004 & SOP-011**

Analyte	Result	Limit	Analyte	Result	Limit
Total Yeast and Mold	**2600**		Total Aerobic Bacteria	**ND**	
E.Coli	**ND**		Salmonella	**ND**	
Aspergillus spp.	**ND**		Coliform	**ND**	
Bile Tolerant gram neg	**ND**		Aflatoxin (B1 B2 G1 G2)	**ND**	
Ochratoxin	**ND**				

DOHPEST - Analysis N/A

Analyzed **Oct 26, 2018** | Instrument **NA**

Analyte	Result PPB	Limit PPB	Analyte	Result PPB	Limit PPB
Abamectin	**ND**		Acephate	**ND**	
Acequinocyl	**ND**		Acetamiprid	**ND**	
Aldicarb	**ND**		Azoxystrobin	**ND**	
Bifenazate	**ND**		Bifenthrin	**ND**	
Boscalid	**ND**		Carbaryl	**ND**	
Carbofuran	**ND**		Chlorantraniliprole	**ND**	
Chlorfenapyr	**ND**		Chlorpyrifos	**ND**	
Clofentezine	**ND**		Cyfluthrin	**ND**	
Cypermethrin	**ND**		Diazinon	**ND**	
Dichlorvos	**ND**		Dimethoate	**ND**	
Ethoprophos	**ND**		Etofenprox	**ND**	
Etoxazole	**ND**		Fenpyroximate	**ND**	
Fipronil	**ND**		Flonicamid	**ND**	
Fludioxonil	**ND**		Imazalil	**ND**	
Imidacloprid	**ND**		Kresoxim-methyl	**ND**	
Malathion	**ND**		Metalaxyl	**ND**	
Methiocarb	**ND**		Methomyl	**ND**	
Methyl parathion	**ND**		MGK-264	**ND**	
Myclobutanil	**ND**		Naled	**ND**	
Oxamyl	**ND**		Paclobutrazol	**ND**	
Permethrins	**ND**		Hexythiazox	**ND**	
Phosmet	**ND**		Piperonyl butoxide	**ND**	
Prallethrin	**ND**		Propiconazole	**ND**	
Propoxur	**ND**		Pyrethrins	**ND**	
Pyridaben	**ND**		Spinosad D	**ND**	
Spiromesifen	**ND**		Spirotetramat	**ND**	
Tebuconazole	**ND**		Thiacloprid	**ND**	
Thiamethoxam	**ND**		Trifloxystrobin	**ND**	

DOHRES - Residual Solvents Testing Analysis N/A

Analyzed **Oct 26, 2018** | Instrument **GC/FID with Headspace Analyzer** | Method **M-002, SOP-013, SOP-018, SOP-02**

Analyte	Result ppm	Limit ppm	Analyte	Result ppm	Limit ppm
Butanes (But)	**NT**		Heptanes (Hep)	**NT**	
Hexanes (Hex)	**NT**		Benzene (Ben)	**NT**	

Toluene (Tol)	**NT**	Xylenes (Xyl)	**NT**

MOI - Moisture Test Analysis **N/A**

Analyzed **Oct 26, 2018** | Instrument **NA**

Analyte			Result	Limit	Analyte	Result	Limit
Moisture	n/a	n/a	**6.7 % Mw**	NA			

NT Not Tested
ND Not Detected
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count

PJLA Testing
(http://www.pjlabs.com)
Accreditation #85368
(https://www.dropbox.com/s/cg2sgbsec6mwmzn/L17-427-2_PharmLabs_Hawaii.pdf?dl=0)

Scan the QR code to verify authenticity.

Authorized Signature

Dr. William English - Lab Director
Sat, 27 Oct 2018 19:52:21 -0700

PharmWare
(https://pharmware.net)

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