



Regulatory Compliance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED: 05/08/2023

2305OPT1782.6963

SAMPLE NAME: Hawaiian Select Distillate

Matrix: Concentrates & Extracts | Type: Full Extract Cannabis Oil
Strain Name: Hawaiian | Classification: Sativa

CULTIVATOR/MANUFACTURER:

Business Name: Curaleaf_Phoenix_AZ_Processing
License: 00000053DCXB00858835

Address: 3333 S Central Ave, Phoenix, AZ 85040

SAMPLE DETAIL:

Batch Number:
CAZ2302E-HN

Date Received:
05/04/2023

Batch Size:
12 g

External Lot ID:

Sample Size:

Other Information:

Unit Mass:
g



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS SUMMARY

Total THC: 82.9757%
Δ9-THC + (THCa * 0.877)

Total Cannabinoids: 87.2638%
CBD + CBDa + CBG + CBGa + CBN + Δ8-THC + Δ9-THC + THCa + THCv

Total CBD: ND
CBD + (CBDa * 0.877)

SAFETY ANALYSIS SUMMARY

Pesticides: Pass

Heavy Metals: Pass

Moisture: Not Tested

Mycotoxins: Pass

Residual Solvents: Pass

Water Activity: Not Tested

Microbials: Pass

Foreign Material: Not Tested

TERPENE ANALYSIS SUMMARY

NOT TESTED



Data Reviewed by Cathleen Cover, Lab Director *Cathleen Cover*



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CANNABINOID TEST RESULTS: 05/04/2023

Method: HPLC

82.9757%	87.2638%
Total THC	Total Cannabinoids
ND	NT
Total CBD	Moisture (Q3)

Analyte	Qualifier	LOQ	Result	Result
		%	%	mg/g
THCa		0.0300	ND	ND
Δ9-THC		0.0300	82.9757	829.757
Δ8-THC		0.0300	ND	ND
CBDa		0.0200	ND	ND
CBD		0.0200	ND	ND
CBN		0.0040	1.1240	11.240
CBG		0.0040	2.5910	25.910
CBGa		0.0040	ND	ND
THCV		0.0040	0.5731	5.731
Total THC				
Total CBD				
Total			87.2638	872.6380

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MICROBIALS TEST RESULTS: 05/04/2023

Pass

Method: BioRad qPCR

Analyte	Qualifier	Limits/Units	Result	Final Result
		CFU/g	CFU/g	
E. Coli		100	<40.0000	Pass
Yeast & Mold	Q3		NR	NT

Analyte	Qualifier	Limits/Units	Result	Final Result
Salmonella		Not Detected in 1g	Not Detected	Pass
Aspergillus		Not Detected in 1g	Not Detected	Pass



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PESTICIDES TEST RESULTS: 05/05/2023

Pass

Method: Agilent Ultivo LC/MS

Pesticides	Qualifier	LOQ	Limit	Result	Final Result	Pesticides	Qualifier	LOQ	Limit	Result	Final Result
		PPM	PPM	PPM				PPM	PPM	PPM	
Abamectin	V1L1	0.2500	0.5000	ND	Pass	Hexythiazox		0.5000	1.0000	ND	Pass
Acephate		0.2000	0.4000	ND	Pass	Imazalil		0.1000	0.2000	ND	Pass
Acequinocyl	V1L1	1.0000	2.0000	ND	Pass	Imidacloprid		0.2000	0.4000	ND	Pass
Acetamiprid		0.1000	0.2000	ND	Pass	Kresoxim Methyl		0.2000	0.4000	ND	Pass
Aldicarb		0.2000	0.4000	ND	Pass	Malathion		0.1000	0.2000	ND	Pass
Azoxystrobin		0.1000	0.2000	ND	Pass	Metalaxyl		0.1000	0.2000	ND	Pass
Bifenazate		0.1000	0.2000	ND	Pass	Methiocarb		0.1000	0.2000	ND	Pass
Bifenthrin	V1	0.1000	0.2000	ND	Pass	Methomyl		0.2000	0.4000	ND	Pass
Boscalid	V1	0.2000	0.4000	ND	Pass	Myclobutanil	R1	0.1000	0.2000	ND	Pass
Carbaryl		0.1000	0.2000	ND	Pass	Naled		0.2500	0.5000	ND	Pass
Carbofuran		0.1000	0.2000	ND	Pass	Oxamyl		0.5000	1.0000	ND	Pass
Chlorantraniliprole	V1	0.1000	0.2000	ND	Pass	Paclbutrazol		0.2000	0.4000	ND	Pass
Chlorfenapyr	V1	0.5000	1.0000	ND	Pass	Permethrins	V1L1	0.1000	0.2000	ND	Pass
Chlorpyrifos		0.1000	0.2000	ND	Pass	Phosmet		0.1000	0.2000	ND	Pass
Clofentezine		0.1000	0.2000	ND	Pass	Piperonyl Butoxide		1.0000	2.0000	ND	Pass
Cyfluthrin	V1L1	0.5000	1.0000	ND	Pass	Prallethrin	V1L1	0.1000	0.2000	ND	Pass
Cypermethrin	V1L1	0.5000	1.0000	ND	Pass	Propoxur		0.1000	0.2000	ND	Pass
Daminozide		0.5000	1.0000	ND	Pass	Pyrethrins	V1L1	0.5000	1.0000	ND	Pass
DDVP		0.0500	0.1000	ND	Pass	Propiconazole		0.2000	0.4000	ND	Pass
Diazinon		0.1000	0.2000	ND	Pass	Pyridaben		0.1000	0.2000	ND	Pass
Dimethoate		0.1000	0.2000	ND	Pass	Spinosad	L1	0.1000	0.2000	ND	Pass
Ethoprophos		0.1000	0.2000	ND	Pass	Spiromesifen		0.1000	0.2000	ND	Pass
Etofenprox		0.2000	0.4000	ND	Pass	Spirotetramat	V1L1	0.1000	0.2000	ND	Pass
Etoxazole		0.1000	0.2000	ND	Pass	Spiroxamine		0.2000	0.4000	ND	Pass
Fenoxycarb		0.1000	0.2000	ND	Pass	Tebuconazole		0.2000	0.4000	ND	Pass
Fenpyroximate		0.2000	0.4000	ND	Pass	Thiacloprid		0.1000	0.2000	ND	Pass
Fipronil		0.2000	0.4000	ND	Pass	Thiamethoxam		0.1000	0.2000	ND	Pass
Flonicamid		0.5000	1.0000	ND	Pass	Trifloxystrobin		0.1000	0.2000	ND	Pass
Fludioxonil		0.2000	0.4000	ND	Pass						

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MYCOTOXINS TEST RESULTS: 05/05/2023

Pass

Method: Agilent Ultivo LC/MS

Analyte	Qualifier	LOQ PPB	Limit PPB	Result PPB	Final Result
Ochratoxin A	L1	10.0000	20.0000	ND	Pass
Total Aflatoxins		10.0000	20.0000	ND	Pass



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HEAVY METALS TEST RESULTS: 05/04/2023

Pass

Method: Agilent 7800 ICP MS

Analyte	Qualifier	LOQ	Limit	Result	Final Result
		PPB	PPB	PPB	
Arsenic		200.00	400.00	ND	Pass
Cadmium		200.00	400.00	<LOQ	Pass
Lead		500.00	1000.00	<LOQ	Pass
Mercury		600.00	1200.00	<LOQ	Pass



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SOLVENTS TEST RESULTS: 05/05/2023

Pass

Method: Agilent Intuvo 9000 gas chromatography

Analyte	Qualifier	LOQ	Limit	Result	Final Result
		PPM	PPM	PPM	
Acetone		500.0000	1000.0000	<LOQ	Pass
Acetonitrile		205.0000	410.0000	ND	Pass
Benzene		1.0000	2.0000	ND	Pass
Butanes		2500.0000	5000.0000	ND	Pass
Chloroform		30.0000	60.0000	ND	Pass
Dichloromethane		300.0000	600.0000	ND	Pass
Ethanol		2500.0000	5000.0000	ND	Pass
Ethyl-Acetate		2500.0000	5000.0000	ND	Pass
Ethyl-Ether		2500.0000	5000.0000	ND	Pass
Heptane		2500.0000	5000.0000	ND	Pass
Hexanes		145.0000	290.0000	ND	Pass
Isopropanol		2500.0000	5000.0000	ND	Pass
Isopropyl-Acetate		2500.0000	5000.0000	ND	Pass
Methanol		1500.0000	3000.0000	ND	Pass
Pentanes		2500.0000	5000.0000	ND	Pass
Propane		2500.0000	5000.0000	ND	Pass
Toluene		445.0000	890.0000	ND	Pass
Xylenes		1085.0000	2170.0000	ND	Pass

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