

## Hawaiian Haze CBD Biomass

Sample ID: SA-221031-13588  
 Batch: 0505  
 Type: Plant / Raw Materials  
 Matrix: Plant - Biomass  
 Unit Mass (g):

Received: 11/02/2022  
 Completed: 11/09/2022

**Client**  
 Sunny Skies CBD  
 100 W. Main Street  
 Durand, WI 54736  
 USA  
 Lic. #: 83-1899026



### Summary

Test	Date Tested	Status
Cannabinoids	11/08/2022	Tested
Moisture	11/08/2022	Tested
Microbials	11/08/2022	Tested
Mycotoxins	11/09/2022	Tested
Pesticides	11/09/2022	Tested
Terpenes	11/07/2022	Tested

<b>0.569 %</b> Total Δ9-THC	<b>15.2 %</b> CBDA	<b>17.5 %</b> Total Cannabinoids	<b>9.02 %</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	0.0447	0.447
CBCA	0.00181	0.0054	0.621	6.21
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	0.475	4.75
CBDA	0.00043	0.0013	15.2	152
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	0.125	1.25
CBG	0.00057	0.0017	0.0517	0.517
CBGA	0.00049	0.0015	0.340	3.40
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	ND	ND
CBNA	0.0006	0.0018	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-THC	0.00104	0.0031	ND	ND
Δ9-THC	0.00076	0.0023	0.0724	0.724
Δ9-THCA	0.00084	0.0025	0.566	5.66
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
<b>Total Δ9-THC</b>			<b>0.56911</b>	<b>5.69</b>
<b>Total CBD</b>			<b>13.8</b>	<b>138</b>
<b>Total</b>			<b>17.5</b>	<b>175</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



Generated By: Ryan Bellone  
 CCO  
 Date: 11/10/2022



Tested By: Jared Burkhart  
 Technical Manager  
 Date: 11/08/2022



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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## Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
$\alpha$ -Bisabolol	0.00100	0.00500	0.068	Limonene	0.001	0.005	0.072
(+)-Borneol	0.00100	0.00500	ND	Linalool	0.001	0.005	ND
Camphene	0.00100	0.00500	ND	$\beta$ -myrcene	0.001	0.005	1.241
Camphor	0.00100	0.00500	ND	Nerol	0.001	0.005	ND
3-Carene	0.00100	0.00500	ND	cis-Nerolidol	0.001	0.005	ND
$\beta$ -Caryophyllene	0.00100	0.00500	0.133	trans-Nerolidol	0.001	0.005	ND
Caryophyllene Oxide	0.00100	0.00500	ND	Ocimene	0.001	0.005	ND
$\alpha$ -Cedrene	0.00100	0.00500	ND	$\alpha$ -Phellandrene	0.001	0.005	ND
Cedrol	0.00100	0.00500	ND	$\alpha$ -Pinene	0.001	0.005	0.282
Eucalyptol	0.00100	0.00500	ND	$\beta$ -Pinene	0.001	0.005	ND
Fenchone	0.00100	0.00500	ND	Pulegone	0.001	0.005	ND
Fenchyl Alcohol	0.00100	0.00500	ND	Sabinene	0.001	0.005	ND
Geraniol	0.00100	0.00500	ND	Sabinene Hydrate	0.001	0.005	ND
Geranyl Acetate	0.00100	0.00500	ND	$\alpha$ -Terpinene	0.001	0.005	ND
Guaiol	0.00100	0.00500	0.027	$\gamma$ -Terpinene	0.001	0.005	ND
Hexadhydrothymol	0.00100	0.00500	ND	$\alpha$ -Terpineol	0.001	0.005	ND
$\alpha$ -Humulene	0.00100	0.00500	0.025	$\gamma$ -Terpineol	0.001	0.005	ND
Isoborneol	0.00100	0.00500	ND	Terpinolene	0.001	0.005	ND
Isopulegol	0.00100	0.00500	ND	<b>Total Terpenes (%)</b>			<b>1.85</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Fruity



Earth



Tropical



Pine



Rosemary



Generated By: Ryan Bellone  
 CCO

Date: 11/10/2022



Tested By: Alex Morris  
 Quality Assurance Manager

Date: 11/07/2022



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## Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100	ND	Spinosad	30	100	ND
Fenoxycarb	30	100	ND	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 CCO

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Tested By: Jared Burkhart  
 Technical Manager

Date: 11/09/2022



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## Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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 Technical Manager  
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## Microbials by PCR and Plating

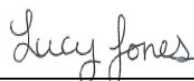
Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1		TNTC
Total coliforms	1	300	
Generic E. coli	1	ND	
Salmonella spp.	1	ND	
Shiga-toxin producing E. coli (STEC)	1	ND	

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Generated By: Ryan Bellone  
 CCO

Date: 11/10/2022



Tested By: Lucy Jones  
 Scientist

Date: 11/08/2022



