

Certificate of Analysis

Sample Information

CTLA ID: 11059
Date Received: 9/23/2019
Sample Name: Chocomint 1000 mg Hemp Extract
Lot Number: 2HC1000PW (210003)
Customer: Harmony Hemp

Analysis	Method	MDL Specification	Result	Units
Rapid Complete Micro				
Total Plate Count	USP <2021>	100 Report	<100	cfu/g
Total Coliforms	BAM CH.4	10 Report	<10	cfu/g
<i>Escherichia coli</i>	USP <2022>	Report	Negative	
<i>Salmonella</i>	USP <2022>	Report	Negative	
<i>Staphylococcus aureus</i>	USP <2022>	Report	Negative	
Rapid Yeast and Mold	AOAC 997.02	10 Report	<10	cfu/g
Heavy Metals				
Arsenic	USP <2232>	0.048 Report	<0.048	ppm
Cadmium	USP <2232>	0.048 Report	<0.048	ppm
Lead	USP <2232>	0.048 Report	0.089	ppm
Mercury	USP <2232>	0.048 Report	<0.048	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	1.438 Report	1,024.416	mg/oz
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	1.438 Report	1,024.416	mg/oz
CBDA	HPLC	1.438 Report	ND	mg/oz
Δ9-THC	HPLC	1.438 Report	ND	mg/oz
THCA	HPLC	1.438 Report	ND	mg/oz
Δ8-THC	HPLC	1.438 Report	ND	mg/oz
THCV	HPLC	1.438 Report	ND	mg/oz
CBDV	HPLC	1.438 Report	3.416	mg/oz
CBDVA	HPLC	1.438 Report	ND	mg/oz
CBGA	HPLC	1.438 Report	ND	mg/oz


Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.

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CBG	HPLC	1.438 Report	20.114	mg/oz
CBN	HPLC	1.438 Report	ND	mg/oz
CBC	HPLC	1.438 Report	ND	mg/oz
CBL	HPLC	1.438 Report	ND	mg/oz
Pesticides				
Abamectin	USP <561>	.01 Report	ND	ppm
Acequinocyl	USP <561>	.01 Report	ND	ppm
Bifenazate	USP <561>	.01 Report	ND	ppm
Bifenthrin	USP <561>	.01 Report	ND	ppm
Cyfluthrin	USP <561>	.01 Report	ND	ppm
Cypermethrin	USP <561>	.01 Report	ND	ppm
Daminozide	USP <561>	.01 Report	ND	ppm
Dimethomorph	USP <561>	.01 Report	ND	ppm
Etoxazole	USP <561>	.01 Report	ND	ppm
Fenhexamid	USP <561>	.01 Report	ND	ppm
Flonicamid	USP <561>	.01 Report	ND	ppm
Fludioxonil	USP <561>	.01 Report	ND	ppm
Imidacloprid	USP <561>	.01 Report	ND	ppm
Myclobutanil	USP <561>	.01 Report	ND	ppm
Paclobutrazol	USP <561>	.01 Report	ND	ppm
Piperonyl Butoxide	USP <561>	.01 Report	ND	ppm
Pyrethrins	USP <561>	.01 Report	ND	ppm
Quintozene	USP <561>	.01 Report	ND	ppm
Spinetoram	USP <561>	.01 Report	ND	ppm



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Spinosad	USP <561>	.01 Report	ND	ppm
Spirotetramat	USP <561>	.01 Report	ND	ppm
Thiamethoxam	USP <561>	.01 Report	ND	ppm
Trifloxystrobin	USP <561>	.01 Report	ND	ppm
Plant Growth Regulators	USP <561>	.01 Report	ND	ppm
Residual Solvents				
Butanes	USP <467>	57 Report	ND	ppm
Heptanes	USP <467>	57 Report	ND	ppm
Propanes	USP <467>	57 Report	ND	ppm
Terpenes				
α -Bisabolol	GC	0.008 Report	ND	%
α -Humulene	GC	0.008 Report	ND	%
α -Pinene	GC	0.008 Report	ND	%
α -Terpinene	GC	0.008 Report	0.017	%
β -Caryophyllene	GC	0.008 Report	0.028	%
β -Myrcene	GC	0.008 Report	ND	%
β -Pinene	GC	0.008 Report	ND	%
δ -3-Carene	GC	0.008 Report	0.048	%
δ -Limonene	GC	0.008 Report	0.018	%
Camphene	GC	0.008 Report	ND	%
Caryophyllene Oxide	GC	0.008 Report	ND	%
cis-Nerolidol	GC	0.005 Report	ND	%
cis-Ocimene	GC	0.005 Report	ND	%
Eucalyptol	GC	0.008 Report	0.020	%


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Guaiol	GC	0.008 Report	ND	%
Isopulegol	GC	0.008 Report	ND	%
Linalool	GC	0.008 Report	0.014	%
p-Cymene	GC	0.008 Report	ND	%
Terpinolene	GC	0.008 Report	ND	%
trans-Nerolidol	GC	0.003 Report	ND	%
trans-Ocimene	GC	0.003 Report	ND	%
γ-Terpinene	GC	0.008 Report	ND	%

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

1 oz = 27.669 g

Density = 0.922 g/ml

Total Cannabinoids = 1,047.947 mg/oz


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