

# Certificate of Analysis

## Sample Information

CTLA ID: 11056  
 Date Received: 9/23/2019  
 Sample Name: Chocolate Mint 300 Water Sol. Tinc.  
 Lot Number: 2HC300FW  
 Customer: Harmony Hemp

Analysis	Method	MDL	Specification	Result	Units
<b>Complete Micro</b>					
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	
Yeast & Mold	USP <2021>	100	Report	<100	cfu/g
<b>Heavy Metals</b>					
Arsenic	USP <2232>	.001	Report	<0.001	ppm
Cadmium	USP <2232>	.001	Report	<0.001	ppm
Lead	USP <2232>	.001	Report	0.004	ppm
Mercury	USP <2232>	.001	Report	<0.001	ppm
<b>Cannabinoid Concentration</b>					
Total Cannabidiol (CBD)	HPLC	1.733	Report	262.263	mg/oz
Total Tetrahydrocannabinol (THC)	HPLC	0.006	Report	0.020	%
CBD	HPLC	1.733	Report	262.263	mg/oz
CBDA	HPLC	1.733	Report	ND	mg/oz
Δ9-THC	HPLC	1.733	Report	6.005	mg/oz
THCA	HPLC	1.733	Report	ND	mg/oz
Δ8-THC	HPLC	1.733	Report	ND	mg/oz
THCV	HPLC	1.733	Report	ND	mg/oz
CBDV	HPLC	1.733	Report	ND	mg/oz
CBDVA	HPLC	1.733	Report	ND	mg/oz
CBGA	HPLC	1.733	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	1.733 Report	ND	mg/oz
CBN	HPLC	1.733 Report	ND	mg/oz
CBC	HPLC	1.733 Report	4.831	mg/oz
CBL	HPLC	1.733 Report	ND	mg/oz
<b>Pesticides</b>				
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
<b>Residual Solvents</b>				
Butanes	USP <467>	81 Report	ND	ppm
Heptanes	USP <467>	81 Report	ND	ppm
Propanes	USP <467>	81 Report	ND	ppm
<b>Terpenes</b>				
$\alpha$ -Bisabolol	GC	0.013 Report	ND	%
$\alpha$ -Humulene	GC	0.013 Report	ND	%
$\alpha$ -Pinene	GC	0.013 Report	ND	%
$\alpha$ -Terpinene	GC	0.013 Report	ND	%
$\beta$ -Caryophyllene	GC	0.013 Report	0.013	%
$\beta$ -Myrcene	GC	0.013 Report	ND	%
$\beta$ -Pinene	GC	0.013 Report	ND	%
$\delta$ -3-Carene	GC	0.013 Report	ND	%
$\delta$ -Limonene	GC	0.013 Report	ND	%
Camphene	GC	0.013 Report	ND	%
Caryophyllene Oxide	GC	0.013 Report	ND	%
cis-Nerolidol	GC	0.008 Report	ND	%
cis-Ocimene	GC	0.008 Report	ND	%
Eucalyptol	GC	0.013 Report	0.028	%

  
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Guaiol	GC	0.013 Report	ND	%
Isopulegol	GC	0.013 Report	0.014	%
Linalool	GC	0.013 Report	ND	%
p-Cymene	GC	0.013 Report	ND	%
Terpinolene	GC	0.013 Report	ND	%
trans-Nerolidol	GC	0.004 Report	ND	%
trans-Ocimene	GC	0.004 Report	ND	%
γ-Terpinene	GC	0.013 Report	ND	%

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

1 oz = 29.94 g

Density = 0.998 g/ml

Total Cannabinoids = 273.100 mg/oz

  
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