



## Certificate of Analysis

	<b>Product:</b>	T082 Zativa Mints 250 mg CBD Chocolate		
	<b>Batch Number:</b>	11896	<b>Best-By Date:</b>	10/23/2020

Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/A
<b>Identity</b>				
Color & Appearance	Visual	Mottled brown circular tablets	Complies	Pass
Odor	Organoleptic	Characteristic of standard	Complies	Pass
Taste	Organoleptic	Characteristic of standard	Complies	Pass
<b>Composition</b>				
Average Tablet Weight	In-process milligram scale verification	1.00 – 1.10 g/tablet	1.03 g/tablet	Pass
<b>Strength - Cannabinoids</b>				
Total CBD <sup>1</sup>	HPLC	250.0 - 340.0 mg/bottle	306.8 mg/bottle <sup>4</sup>	Pass
Total THC <sup>1</sup>	HPLC	Not Detected	Not Detected <sup>4</sup>	Pass
CBDa	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
CBG	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
CBD	HPLC	Report Result	1.20% <sup>4</sup>	Pass
CBN	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
THC	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
CBC	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
THCa	HPLC	Report Result	Not Detected <sup>4</sup>	Pass
<b>Contaminants - Residual Solvents</b>				
Acetone	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Butanes	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Ethanol	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Heptanes	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Isopropyl Alcohol	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Propane	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Benzene	GC-FID	< 2 ppm	S.L. <sup>2</sup>	N/A
Toluene	GC-FID	< 180 ppm	S.L. <sup>2</sup>	N/A
Pentane	GC-FID	< 1,000 ppm	S.L. <sup>2</sup>	N/A
Hexane	GC-FID	< 60 ppm	S.L. <sup>2</sup>	N/A
Total Xylenes (m,p,o-xylenes)	GC-FID	< 430 ppm	S.L. <sup>2</sup>	N/A

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<b>Contaminants - Pesticides</b>				
Abamectin (avermectins: B1a & B1b)	GC-MS / LC-MS	< 0.07 ppm	S.L. <sup>2</sup>	N/A
Azoxystrobin	GC-MS / LC-MS	< 0.02 ppm	S.L. <sup>2</sup>	N/A
Bifenazate	GC-MS / LC-MS	< 0.02 ppm	S.L. <sup>2</sup>	N/A
Etoxazole	GC-MS / LC-MS	< 0.01 ppm	S.L. <sup>2</sup>	N/A
Imazalil	GC-MS / LC-MS	< 0.04 ppm	S.L. <sup>2</sup>	N/A
Imidacloprid	GC-MS / LC-MS	< 0.02 ppm	S.L. <sup>2</sup>	N/A
Malathion	GC-MS / LC-MS	< 0.05 ppm	S.L. <sup>2</sup>	N/A
Myclobutanil	GC-MS / LC-MS	< 0.04 ppm	S.L. <sup>2</sup>	N/A
Permethrin (mix of isomers)	GC-MS / LC-MS	< 0.04 ppm	S.L. <sup>2</sup>	N/A
Spinosad (mixture of A and D)	GC-MS / LC-MS	< 0.06 ppm	S.L. <sup>2</sup>	N/A
Spiromesifen	GC-MS / LC-MS	< 0.03 ppm	S.L. <sup>2</sup>	N/A
Spirotetramat	GC-MS / LC-MS	< 0.02 ppm	S.L. <sup>2</sup>	N/A
Tebuconazole	GC-MS / LC-MS	< 0.01 ppm	S.L. <sup>2</sup>	N/A
<b>Contaminants - Heavy Metals</b>				
Arsenic	ICP-MS USP <730>	< 10.00 µg/tablet	S.L. <sup>2</sup>	N/A
Cadmium	ICP-MS USP <730>	< 4.10 µg/tablet	S.L. <sup>2</sup>	N/A
Lead	ICP-MS USP <730>	< 0.50 µg/tablet	S.L. <sup>2</sup>	N/A
Mercury	ICP-MS USP <730>	< 0.30 µg/tablet	S.L. <sup>2</sup>	N/A
<b>Microbial Purity</b>				
Total Plate Count	USP <2021>	< 3,000 CFU/g	S.L. <sup>2</sup>	N/A
Yeast & Mold	USP <2021>	< 300 CFU/g	S.L. <sup>2</sup>	N/A
<i>E. coli</i>	FDA BAM	< 3 MPN/g	S.L. <sup>2</sup>	N/A
<i>Salmonella spp.</i>	USP <2022>	Absent/10 g	S.L. <sup>2</sup>	N/A

<sup>1</sup> All cannabinoids in their acid forms (ending in "a") are convertible to their non-acid forms via a decarboxylation process (heating). The THC and CBD maximum values reported are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated

<sup>2</sup> S.L. means "Skip Lot". Parameters are being monitored through product qualification testing and are currently in skip lot protocol.

<sup>3</sup> Cannabinoid detected below Limit of Quantitation (LOQ).

<sup>4</sup> Result was acquired by 3<sup>rd</sup> party laboratory.

Reviewed By: 

Date: 11.05.19

Approved By: 

Date: 11.05.19