



# Certificate of Analysis

**Mantis Extracts: Terp Diamonds - Witch of the West**

<b>CLIENT:</b>	<b>Straight Line Analytics</b>	<b>SAMPLE:</b>	<b>Mantis - Witch of the West</b>
Attn.:	Jim MacRae	Laboratory ID:	190103-029
Address:		Type:	Concentrate
		Inventory ID:	-
		Batch ID:	-
		Received on:	01.03.2019
		Reported on:	01.09.2019

Cannabinoids method and instrument: UFLC-PDA

Cannabinoids	Abbreviation	Result	Unit
Cannabidivarin	CBDV	ND	% by mass
Tetrahydrocannabivarin	THCV	ND	% by mass
Cannabidiol	CBD	ND	% by mass
Cannabigerol	CBG	ND	% by mass
Cannabidiolic Acid	CBDA	ND	% by mass
Cannabigerol Acid	CBGA	0.55	% by mass
Cannabinol	CBN	ND	% by mass
delta-9-Tetrahydrocannabinol	THC	26.66	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	ND	% by mass
Tetrahydrocannabinolic Acid	THCA	63.31	% by mass
<b>Total CBX = CBX + (CBXA x 0.877)</b>		<b>Total THC</b>	<b>82.18</b>
		<b>Total CBD</b>	<b>ND</b>

Micro & Mycotoxin method and instrument: Petrifilm Count Plates + AgraQuant

Micro & Mycotoxin	Result	Unit	State Limit	Retest Limit
Aerobic count	NR	CFU/g	no limit	-
Yeast and Mold	NR	CFU/g	no limit	-
Coliform	NR	CFU/g	no limit	-
Bile Tolerant gram neg	NR	CFU/g	1,000	2,000
E.Coli	NR	CFU/g	ND per 1 gram	no retest
Salmonella	NR	CFU/g	ND per 1 gram	no retest
Aflatoxin (B1 B2 G1 G2)	ND	ng/g	20	40
Ochratoxin A	ND	ng/g	20	40

Heavy Metals	Concentration	Unit	AL Inhalable / Other
Not Reported	NR	ug/5g	NA

Residual Solvents method and instrument: GC/FID

Residual Solvents	Concentration	Unit	Class	State Limit
n-Butane	53	PPM	N/A	5,000

Pesticides method and instrument: LC/MSMS

Pesticides	Concentration	Unit	State Limit
All pesticides were below the *reporting limits.			

Terpenes	Unit (mg/g)	Unit (mg/g)
Not Reported	NR	NR

NR = Not Reported  
 ND = Not Detected  
 DET = Detected  
 LOD = Limit of Detection  
 LOQ = Limit of Quantification  
 % m/m = Percent by Mass  
 % Mw = Percent Moisture, wet basis  
 CFU/g = Colony Forming Units per gram  
 TNTC = Too numerous to count



Authorized Signature:

Kyle Shelton



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