



Certificate of Analysis

CLIENT:	Straight Line Analytics	SAMPLE:	Top Shelf - Harlequin CBD (Partial)
Attn.:	Jim MacRae	Laboratory ID:	181113-015
Address:		Type:	Concentrate
		Inventory ID:	-
		Batch ID:	-
		Received on:	11.13.2018
		Reported on:	11.16.2018

Cannabinoids method and instrument: UFLC-PDA

Cannabinoids	Abbreviation	Result	Unit
Cannabidiol	CBD	45.26	% by mass
Cannabigerol	CBG	1.57	% by mass
Cannabidiolic Acid	CBDA	ND	% by mass
Cannabigerol Acid	CBGA	ND	% by mass
Cannabinol	CBN	3.05	% by mass
delta-9-Tetrahydrocannabinol	THC	26.88	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	ND	% by mass
Tetrahydrocannabinolic Acid	THCA	ND	% by mass
Total CBX = CBX + (CBXA x 0.877)		Total THC	26.88
		Total CBD	45.26

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
2-Propanol	146	PPM	Class 3	5,000
Ethanol	731	PPM	Class 3	-

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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