



Certificate of Analysis

TopShelf WA: Cartridge - Gelato

CLIENT:	Straight Line Analytics	SAMPLE:	Topshelf - Gelato
Attn.:	Jim MacRae	Laboratory ID:	190103-034
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
Cannabidiol	CBDV	ND	% by mass
Tetrahydrocannabivarin	THCV	ND	% by mass
Cannabidiol	CBD	ND	% by mass
Cannabigerol	CBG	3.14	% by mass
Cannabidiolic Acid	CBDA	ND	% by mass
Cannabigerol Acid	CBGA	ND	% by mass
Cannabinol	CBN	0.35	% by mass
delta-9-Tetrahydrocannabinol	THC	84.61	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	0.64	% by mass
Tetrahydrocannabinolic Acid	THCA	ND	% by mass

Total CBX = CBX + (CBXA x 0.877) **Total THC** **84.61**
Total CBD **ND**

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
Ethanol	DET	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



*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Measurement uncertainties available upon request. Reporting limits available upon request. Results are valid for 6 months from date reported, unless otherwise indicated.