



Certificate of Analysis

CLIENT:	Straight Line Analytics	SAMPLE:	Cascade Crest - Silver Garden
Attn.:	Jim MacRae	Laboratory ID:	181207-042
Address:		Type:	Flower
		Inventory ID:	-
		Batch ID:	-
		Received on:	12.07.2018
		Reported on:	12.21.2018

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	0.24	% by mass
Cannabinol	CBN	ND	% by mass
delta-9-Tetrahydrocannabinol	THC	2.19	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	ND	% by mass
Tetrahydrocannabinolic Acid	THCA	12.36	% by mass
Total CBX = CBX + (CBXA x 0.877)		Total THC	13.03
		Total CBD	ND

Water Activity method and instrument: AquaLab 4TE Duo by Decagon

Moisture Content	Result	Unit	State Limit
Moisture	4.7	% Mw	15
Water Activity	0.34	Aw	0.65

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	40,000	CFU/g	no limit	-
Coliform	NR	CFU/g	no limit	-
Bile Tolerant gram neg	ND	CFU/g	10,000	20,000
E.Coli	ND	CFU/g	ND per 1 gram	no retest
Salmonella	ND	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
Arsenic	1.44	ug/5g	10
Cadmium	ND	ug/5g	4.1
Lead	2.76	ug/5g	6
Mercury	ND	ug/5g	2

Residual Solvents	Concentration	Unit	Class	State Limit
Not Reported	NR	PPM	NA	NA

Pesticides method and instrument: LC/MSMS

Pesticides	Concentration	Unit	State Limit
Ethoprophos	0.071	PPM	0.2

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





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NR = Not Reported
 ND = Not Detected
 DET = Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantification
 Aw = Water Activity
 % 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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