



# Certificate of Analysis

<b>CLIENT:</b>	<b>Straight Line Analytics</b>	<b>SAMPLE:</b>	<b>Phat Panda - Miracle Alien Cookies (Partial)</b>
Attn.:	Jim MacRae	Laboratory ID:	181113-014
Address:		Type:	Flower
		Inventory ID:	-
		Batch ID:	-
		Received on:	11.13.2018
		Reported on:	11.16.2018

Cannabinoids method and instrument: UFLC-PDA

Cannabinoids	Abbreviation	Result	Unit
Cannabidiarin	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	0.86	% by mass
Cannabinol	CBN	ND	% by mass
delta-9-Tetrahydrocannabinol	THC	1.61	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	ND	% by mass
Tetrahydrocannabinolic Acid	THCA	26.52	% by mass
<b>Total CBX = CBX + (CBXA x 0.877)</b>		<b>Total THC</b>	<b>24.87</b>
		<b>Total CBD</b>	<b>ND</b>

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

Moisture Content	Result	Unit	State Limit
Moisture	4.4	% Mw	15
Water Activity	0.31	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	90,000	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
Not Reported	NR	ug/5g	NA

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

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





**MEDICINE  
CREEK**  
ANALYTICS



# Certificate of Analysis

<b>CLIENT:</b>	<b>Straight Line Analytics</b>	<b>SAMPLE:</b>	<b>Phat Panda - Miracle Alien Cookies (Partial)</b>
Attn.:	Jim MacRae	Laboratory ID:	181113-014
Address:		Type:	Flower
		Inventory ID:	-
		Batch ID:	-
		Received on:	11.13.2018
		Reported on:	11.16.2018

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



\*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.