



Certificate of Analysis

LEAFWERX Refined: Concentrate - AK-47

CLIENT:	Straight Line Analytics	SAMPLE:	Refined - AK-47
Attn.:	Jim MacRae	Laboratory ID:	181207-045
Address:		Type:	Concentrate
		Inventory ID:	-
		Batch ID:	-
		Received on:	12.07.2018
		Reported on:	12.21.2018

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	2.07	% by mass
Cannabidiolic Acid	CBDA	ND	% by mass
Cannabigerol Acid	CBGA	ND	% by mass
Cannabinol	CBN	1.34	% by mass
delta-9-Tetrahydrocannabinol	THC	62.22	% by mass
delta-8-Tetrahydrocannabinol	Δ8-THC	ND	% by mass
Cannabichromene	CBC	2.41	% by mass
Tetrahydrocannabinolic Acid	THCA	3.75	% by mass
Total CBX = CBX + (CBXA x 0.877)	Total THC	65.51	
	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
Arsenic	ND	ug/5g	10
Cadmium	ND	ug/5g	4.1
Lead	ND	ug/5g	6
Mercury	ND	ug/5g	2

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





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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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