



Agriculture and Food Testing Solutions

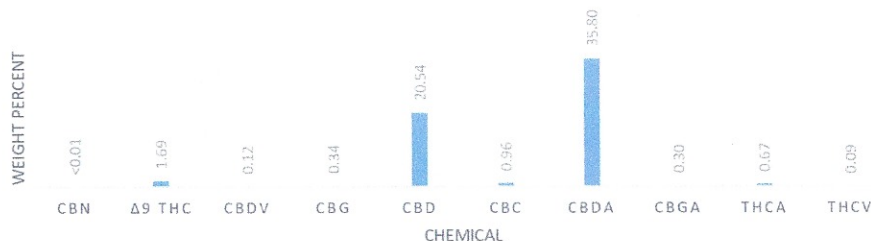
CERTIFICATE OF ANALYSIS

Certificate ID: CS0073_18874_005.R_C **AGGRIST**
Client Sample ID: NC222.0.2458429
Sample Description: cold CO2 extract
Receive sample: 07-Nov-18
Initiate analyses: 08-Nov-18

Analyst: Dave Minser	Signature: 	Date: 10 Nov 18
Reviewed by:	Signature: 	Date: 11 Nov 18

Test Type: Total Cannabinoid Profile
Technical Procedure: TP A0033-01

Results:



Chemical Analyzed	% Weight	Concentration (mg/g)
CBN	<0.01	<0.10
Δ ⁹ THC	1.69	16.94
CBDV	0.12	1.19
CBG	0.34	3.36
CBD	20.54	205.43
CBC	0.96	9.56
CBDA	35.80	357.99
CBGA	0.30	2.96
THCA	0.67	6.66
THCV	0.09	0.93
total THC *	2.28	22.78
total CBD *	51.94	519.39
total	60.50	605.02

* total THC is calculated by Δ9 THC + 0.877xTHCA

* total CBD is calculated by CBD + 0.877xCBDA

Concentration of cannabinoids were determined by HPLC-MSMS with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols.

Avazyme is not responsible for Sponsor's use of the information or concepts generated as part of the study, and will not be liable for any loss or damage resulting from such use.