



Agriculture and Food Testing Solutions

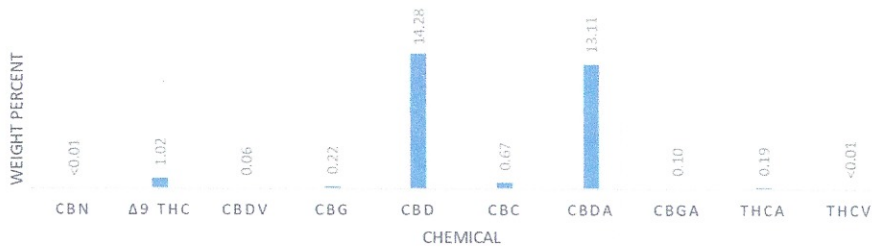
CERTIFICATE OF ANALYSIS

Certificate ID: CS0073_18894_001_C **AgGrist**
Client Sample ID: NC196.MTX.2458393
Sample Description: 0-0Z-15
Receive sample: 14-Nov-18
Initiate analyses: 15-Nov-18

Analyst: Dave Minser	Signature: <i>[Signature]</i>	Date: 16 Nov 18
Reviewed by:	Signature: <i>[Signature]</i>	Date: 16-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	1.02	10.17
CBDV	0.06	0.61
CBG	0.22	2.23
CBD	14.28	142.78
CBC	0.67	6.69
CBDA	13.11	131.10
CBGA	0.10	0.98
THCA	0.19	1.90
THCV	<0.01	<0.10
total THC *	1.18	11.84
total CBD *	25.78	257.75
total	29.65	296.46

* 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.