



CERTIFICATE OF ANALYSIS

CS0073_192210_004_C

Cannabinoids

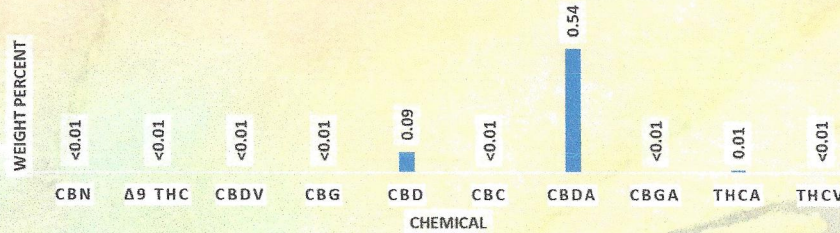
Client Sample ID: NSB92161
 Sample Description: 250mg Tincture
 Receive sample: 06-Mar-19
 Initiate analyses: 07-Mar-19

AgGrist
 129 S.Main St
 Oakboro, NC 28129
 Attn: Shawn Hatley

Analyst: Dave Minser	Signature: <i>Dave Minser</i>	Date: 8 Mar 19
Reviewed by: Jacob Edwards	Signature: <i>Jacob Edwards</i>	Date: 8 Mar 19

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	<0.01	<0.10
CBDV	<0.01	<0.10
CBG	<0.01	<0.10
CBD	0.09	0.91
CBC	<0.01	<0.10
CBDA	0.54	5.41
CBGA	<0.01	<0.10
THCA	0.01	0.12
THCV	<0.01	<0.10
total THC *	0.01	0.11
total CBD *	0.57	5.65
total	0.64	6.44
ratio: Total CBD/THC		51.4

* total THC is calculated by $\Delta^9 \text{THC} + 0.877 \times \text{THCA}$

* total CBD is calculated by $\text{CBD} + 0.877 \times \text{CBDA}$

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.