



## CERTIFICATE OF ANALYSIS

CS0073\_192210\_005\_C

Cannabinoids

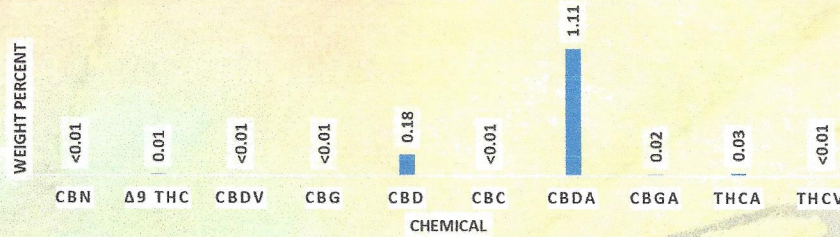
Client Sample ID: NSB92161  
 Sample Description: 500mg Tincture  
 Receive sample: 06-Mar-19  
 Initiate analyses: 07-Mar-19

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 <sup>9</sup> THC	0.01	0.14
CBDV	<0.01	<0.10
CBG	<0.01	<0.10
CBD	0.18	1.84
CBC	<0.01	<0.10
CBDA	1.11	11.11
CBGA	0.02	0.15
THCA	0.03	0.25
THCV	<0.01	<0.10
<b>total THC *</b>	<b>0.04</b>	<b>0.36</b>
<b>total CBD *</b>	<b>1.16</b>	<b>11.58</b>
<b>total</b>	<b>1.35</b>	<b>13.49</b>
<b>ratio: Total CBD/THC</b>		<b>32.2</b>

\* 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.