



## CERTIFICATE OF ANALYSIS

CS0073\_192410-006\_C

Cannabinoids

**Client Sample ID:**  
**Sample Description:**  
**Receive sample:**  
**Initiate analyses:**

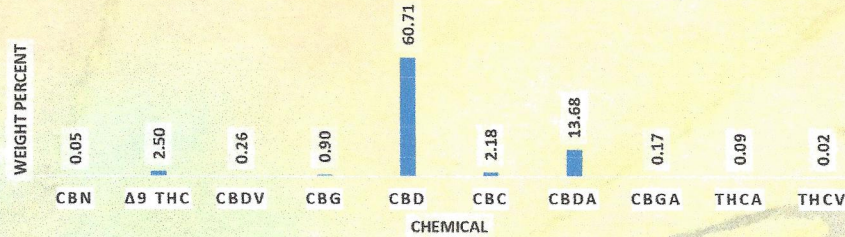
NC467.O.2458610  
Cold CO2 Extract/Price  
07-May-19  
08-May-19

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

<b>Analyst:</b> Dave Minser	<b>Signature:</b> <i>Dave Minser</i>	<b>Date:</b> 10 May 19
<b>Reviewed by:</b> Steve Werness	<b>Signature:</b> <i>Stephen C Werness</i>	<b>Date:</b> 11 May 19

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

**Results:**



Chemical Analyzed	% Weight	Concentration (mg/g)
CBN	0.05	0.51
Δ <sup>9</sup> THC	2.50	24.98
CBDV	0.26	2.60
CBG	0.90	8.99
CBD	60.71	607.07
CBC	2.18	21.75
CBDA	13.68	136.81
CBGA	0.17	1.69
THCA	0.09	0.88
THCV	0.02	0.17
<b>total THC *</b>	<b>2.58</b>	<b>25.75</b>
<b>total CBD *</b>	<b>72.71</b>	<b>727.05</b>
<b>total</b>	<b>80.55</b>	<b>805.45</b>
<b>ratio: Total CBD/THC</b>		<b>28.2</b>

\* 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-MS/MS 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.