

**AVAZYME**

Agriculture and Food Testing Solutions

**CERTIFICATE OF ANALYSIS**  
CS0402\_202758-002\_C

Cannabinoids

Client Sample ID: Carolina Gold

Carolina Bay Derivatives, LLC

Sample Description: Natural 2000

118 B Market St.

New Bern, NC 28560

Receive sample: 05-Aug-20

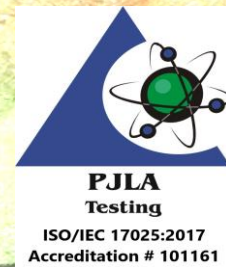
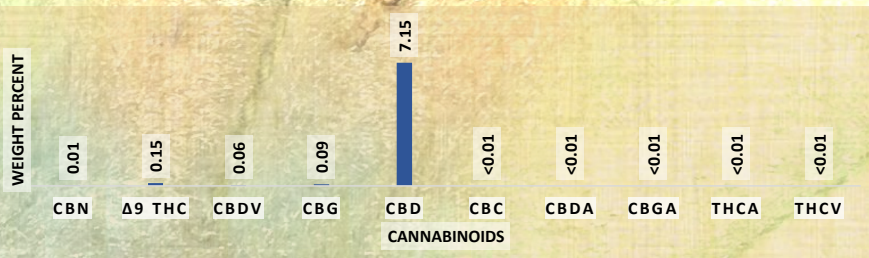
Initiate analyses: 06-Aug-20

Analyst: Dave Minser	Analyst Signature: 	Analyst Date: 08-Aug-2020   13:15 EDT
Reviewed by: Kat Brown	Reviewer Signature: 	Reviewer Date: 08-Aug-2020   13:24 EDT

Test Type: Total Cannabinoid Profile

Technical Procedure: TP A0033 &amp; A0049

Results:



Chemical Analyzed	% Weight	Concentration (mg/g)
CBN	0.01	0.12
Δ9 THC	0.15	1.54
CBDV	0.06	0.56
CBG	0.09	0.94
CBD	7.15	71.49
CBC	<0.01	<0.10
CBDA	<0.01	<0.10
CBGA	<0.01	<0.10
THCA	<0.01	<0.10
THCV	<0.01	<0.10
<b>* total THC</b>	<b>0.15</b>	<b>1.54</b>
<b>* total CBD</b>	<b>7.15</b>	<b>71.49</b>
<b>* total CBG</b>	<b>0.09</b>	<b>0.94</b>
<b>total</b>	<b>7.47</b>	<b>74.65</b>
<b>ratio: Total CBD/THC</b>		<b>46.4</b>

\* total THC is calculated by  $\Delta 9$  THC +  $0.877 \times$  THCA\* total CBD is calculated by CBD +  $0.877 \times$  CBDA\* total CBG is calculated by CBG +  $0.878 \times$  CBGA

Avazyme, Inc is ISO/IEC 17025:2017 accredited by PJLA (accreditation # 101161) for Microbiological and Chemical Testing

Concentration of cannabinoids were determined by Shimadzu LC2030 Plus with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

The result applies only to the sample listed on this certificate. Avazyme cannot guarantee that this sample is representative of the product/lot as a whole. Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols for the sample submitted.

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.