AVAZYME

Agriculture and Food Testing Solutions

CERTIFICATE OF ANALYSIS

CS0589_212616-004_C

Cannabinoids

Client Sample ID:	30 mL Full Spectrum 2,500 mg CBD/30 mg BIZ	**Yadkin Valley Organics**
Sample Description:	**Mornin' Blend**	**8600 NC-150** **Terrell, NC 28682**
Receive sample:	**21-Dec-21**	
Initiate analyses:	**22-Dec-21**	

Analyst:	Analyst Signature:	Analyst Date:
Tonya Powell	*Tonya Powell*	**Dec 27, 2021**
Reviewed by:	**Reviewer Signature:**	**Reviewer Date:**
Dave Minser	*Dr Mn*	**Dec 27, 2021**

Test Type: **Total Cannabinoid Profile**
Technical Procedure: **A0033, A0049**

Results:
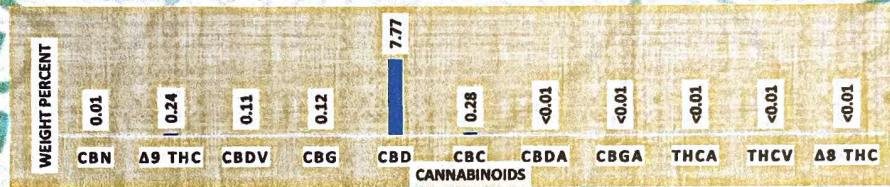
Cannabinoid	MoU (+/-)	% Weight	Concentration (mg/g)
CBN	0.0005	0.01	0.12
Δ9 THC	0.0094	0.24	2.35
CBDV	0.0043	0.11	1.07
CBG	0.0047	0.12	1.17
CBD	0.311	7.77	77.74
CBC	0.0113	0.28	2.83
CBDA	NA	<0.01	<0.10
CBGA	NA	<0.01	<0.10
THCA	NA	<0.01	<0.10
THCV	NA	<0.01	<0.10
Δ8 THC	NA	<0.01	<0.10
* total THC		0.24	2.35
* total CBD		7.77	77.74
* total CBG		0.12	1.17
total		8.53	85.28
ratio: Total CBD/THC			33.1

* total THC is calculated by Δ9 THC + 0.877xTHCA   *total CBD is calculated by CBD + 0.877xCBDA
*total CBG is calculated by CBG + 0.878xCBGA

<0.01 % weight means that any amount of the analyte is below 0.01; which is the lowest amount of the analyte in the sample that can be quantitatively determined with suitable precision and accuracy by this method

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

MoU "measurement of uncertainty"

Concentration of cannabinoids were determined by Shimadzu HPLC/UV 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.

PJLA Testing
ISO/IEC 17025:2017
Accreditation # 101161

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