Avazyme
Agriculture and Food Testing Solutions
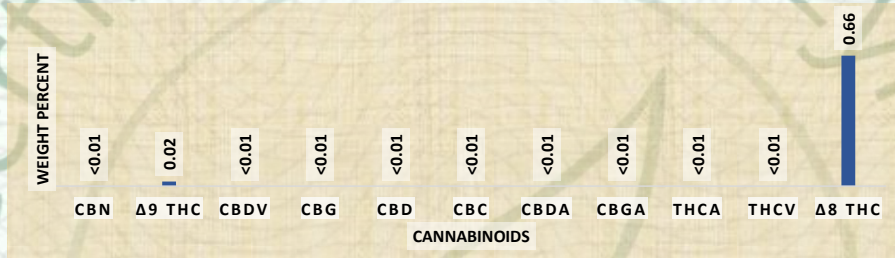
CERTIFICATE OF ANALYSIS
CS0589_212040-002_C

Cannabinoids

Client Sample ID: Sample 2

Sample Description: 25 mg D8 Bear Gummies

Receive sample: 19-Jan-21

Initiate analyses: 20-Jan-21

Yadkin Valley Organics
633 Chatham St.
Ronda, NC 28670

Analyst: Dave Minser	**Analyst Signature:**	**Analyst Date:** Jan 22, 2021	
Reviewed by: Tonya Powell	**Reviewer Signature:**	**Reviewer Date:** Jan 22, 2021	

Test Type: Total Cannabinoid Profile
Technical Procedure: TP A0033, A0049 & A0051

Results:

Bar chart — WEIGHT PERCENT vs CANNABINOIDS:
CBN <0.01, Δ9 THC 0.02, CBDV <0.01, CBG <0.01, CBD <0.01, CBC <0.01, CBDA <0.01, CBGA <0.01, THCA <0.01, THCV <0.01, Δ8 THC 0.66

Cannabinoid	MoU (+/-)	% Weight	Concentration (mg/g)
CBN	NA	<0.01	<0.10
Δ9 THC	0.0011	0.02	0.24
CBDV	NA	<0.01	<0.10
CBG	NA	<0.01	<0.10
CBD	NA	<0.01	<0.10
CBC	NA	<0.01	<0.10
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	0.0461	0.66	6.58
CBDQ	NA	<0.01	<0.10
* total THC		0.02	0.24
* total CBD		<0.01	<0.10
* total CBG		<0.01	<0.10
total		0.68	6.82
ratio: Total CBD/THC		NA	

212040-002
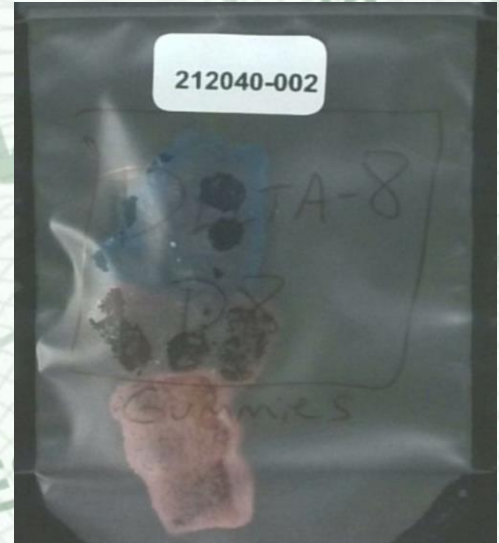
* total THC is calculated by Δ9 THC + 0.877xTHCA   *total CBD is calculated by CBD + 0.877xCBDA

*total CBG is calculated by CBG + 0.878xCBGA

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 LC/MS/MS and LC/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