## AVAZYME

Agriculture and Food Testing Solutions

Cannabinoids

## CERTIFICATE OF ANALYSIS CS1121\_212159-001\_C

Client Sample ID: Sample Description: Receive sample: Initiate analyses:		Sample 1 Apotheca D8			Apotheca 2601B Battleground Ave. Greensboro, NC 27408
		15-Mar-21 15-Mar-21			
Analyst:	- 10 680	Analyst Signature:	Kara Dierce		Analyst Date:
Kara Pierce			Kara Pierce (Mar 18, 2021 15	15 EDT)	Mar 18, 202 Reviewer Date:
Reviewed by: Tonya Powell		Reviewer Signatur	e: Iny Powell		Mar 18, 202
rest Type: rechnical Procedu Results:	2	500 Profile A0033, A0049, A0		1 0.20 0.01	
Cannabinoid	свидэтнс с МоU (+/-)	BDV CBG CBD	CBC CBDA CE CANNABINOIDS	GA THCA THO	
CBN	0.002	0.05	(118/8/		
		0.05	0.49		
A9 THC		1 A 40			
Δ9 THC CBDV	0.0306 NA	0.24	2.41		
	0.0306	1 A 40		T	Dollag
CBDV	0.0306 NA	0.24 <0.01	2.41 <0.10	1	Detta 8
CBDV CBG	0.0306 NA 0.0051	0.24 <0.01 0.13	2.41 <0.10 1.28		Detta 8
CBDV CBG CBD	0.0306 NA 0.0051 0.0012	0.24 <0.01 0.13 0.03	2.41 <0.10 1.28 0.31	A	Detta 8 potheca 21259-001
CBDV CBG CBD CBC	0.0306 NA 0.0051 0.0012 0.002	0.24 <0.01 0.13 0.03 0.03	2.41 <0.10 1.28 0.31 0.29	A	Detta 8 potheca 21259-001
CBDV CBG CBD CBC CBDA	0.0306 NA 0.0051 0.0012 0.002 0.0112	0.24 <0.01 0.13 0.03 0.03 0.28	2.41 <0.10 1.28 0.31 0.29 2.80	A	Detta 8 pothera 21253-001
CBDV CBG CBD CBC CBDA CBGA	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266	0.24 <0.01 0.13 0.03 0.03 0.28 6.67	2.41 <0.10 1.28 0.31 0.29 2.80 66.70	A	Detta 8 pothera 21259-001
CBDV CBG CBD CBC CBDA CBDA CBGA THCA	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06	2.41 <0.10 1.28 0.31 0.29 2.80 66.70 0.59	A	Detta 8 pothera 212159-001
CBDV CBG CBD CBC CBDA CBGA THCA THCV	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024 NA	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06 <0.01	2.41 <0.10 1.28 0.31 0.29 2.80 66.70 0.59 <0.10	A	Detta 8 pothera 21257-001
CBDV CBG CBD CBC CBDA CBGA THCA THCV A8 THC	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024 NA 0.663	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06 <0.01 9.47	2.41 <0.10 1.28 0.31 0.29 2.80 66.70 0.59 <0.10 94.66	A	Detta 8 pothera 21259-001
CBDV CBG CBD CBC CBDA CBGA THCA THCV A8 THC	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024 NA 0.663 0.0035	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06 <0.01 9.47 0.05	2.41 <0.10 1.28 0.31 0.29 2.80 666.70 0.59 <0.10 94.66 0.50	A	Detta 8 pothera 21259-001
CBDV CBG CBD CBC CBDA CBGA THCA THCV A8 THC	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024 NA 0.663 0.0035 * total THC	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06 <0.01 9.47 0.05 0.29	2.41 <0.10 1.28 0.31 0.29 2.80 66.70 0.59 <0.10 94.66 0.50 <b>2.90</b>	A	Detta 8 pothera 21257-001
CBDV CBG CBD CBC CBDA CBGA THCA THCV A8 THC	0.0306 NA 0.0051 0.0012 0.002 0.0112 0.266 0.0024 NA 0.663 0.0035 * total THC * total CBD	0.24 <0.01 0.13 0.03 0.03 0.28 6.67 0.06 <0.01 9.47 0.05 0.29 0.28	2.41 <0.10 1.28 0.31 0.29 2.80 66.70 0.59 <0.10 94.66 0.50 2.90 2.77	A	Detta 8 pothera 21259-001

\* 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 UHPLC/MS/MS and 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.



Testing ISO/IEC 17025:2017 Accreditation # 101161