botanacor

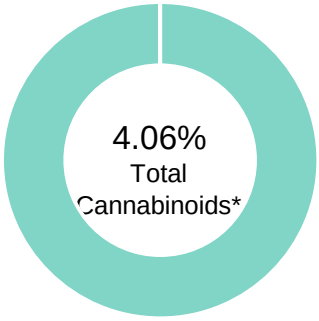
CERTIFICATE OF ANALYSIS

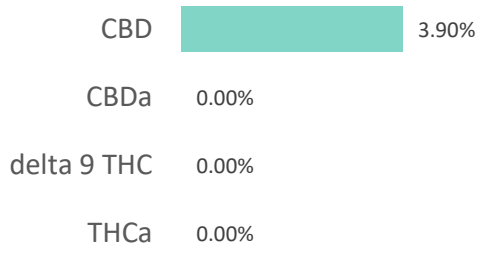
prepared for: BRIO NUTRITION
601 Century Pkwy
Allen, TX 75013

KAO Dragon Fruit 1000

Batch ID:	A100970320	**Test ID:**	4806867.0047
Reported:	16-Apr-2020	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	ND	ND
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.01	3.90	39.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	0.04	0.4
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.01	0.05	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.05	0.5
Total Cannabinoids		**4.06**	**40.60**
Total Potential THC**		ND	ND
Total Potential CBD**		3.90	39.00

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
16-Apr-2020
2:55 PM

PREPARED BY / DATE

Ben Minton
16-Apr-2020
3:26 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

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HMBO
HEMP PARTNERS

CERTIFICATE OF ANALYSIS

Item#: 32086

Manufacture Date: 04/2020

Customer: KAO

Expiration Date: 04/2022

Product Name: Tincture Full Spectrum 1000 mg (1 oz – 30 serv) Dragon Fruit

Lot#: A100970320

Analysis	Method	Limits	Results
Description	Organoleptic	Colorless to yellow, clear oily liquid with characteristic aroma	Colorles, clear oily liquid with characteristic aroma
Identification	USP <197A>	NLT 90.0% correlation (sample IR spectrum matches reference standard spectrum)	100.0%
Microbial Limits	USP <2021>/QA SOP06112019	Total Plate Count: NMT 10^4 cfu/mL	<10,000 cfu/mL
	AOAC/QA SOP06112019	Yeast & Mold: NMT 10^3 cfu/mL	<1,000 cfu/mL
	USP <2022> /QA SOP06112019	E. coli: Absent in 10mL	Absent/10mL
	USP <2022> /QA SOP06112019	Salmonella: Absent in 10mL	Absent/10mL
	USP <2022> /QA SOP06112019	S. aureus: Absent in 10mL	Absent/10mL
CBD Content	Botanacore TM14	NLT 30 mg/serving	36 mg/serving
THC Content	Botanacore TM14	<0.3%	0.0%
Heavy Metals	USP <2232>	Arsenic: NMT 3 ppm	<0.01 ppm
	USP <2232>	Cadmium: NMT 1 ppm	<0.01 ppm
	USP <2232>	Lead: NMT 1 ppm	<0.01 ppm
	USP <2232>	Mercury: NMT 1 ppm	<0.01 ppm

QC Signature: _____
Jeff Hatley
Date: 4/21/2020

QA Signature: _____
Jessica Roberts
Date: 4/21/2020

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