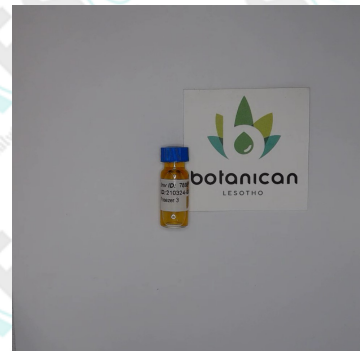


Certificate of Analysis

Sample ID: 210324-008-001
Retention Sample ID: 7,898
Client (Code) Name: (CAN0229) Botanican Lesotho
Client Address: 102 Chiappini Str,
Batch: 001(CBDA Oil Diluted in Olive Oil Low Dose)
Date Receipt: 2021/03/24 14:54:53
Date Report Released: 2021/03/31 11:22:30
Sample Type: Infusion
Package Condition: Intact
Received By: JLEYGONIE
Sample Amount: 1.5 gram
Tamper Proof: No

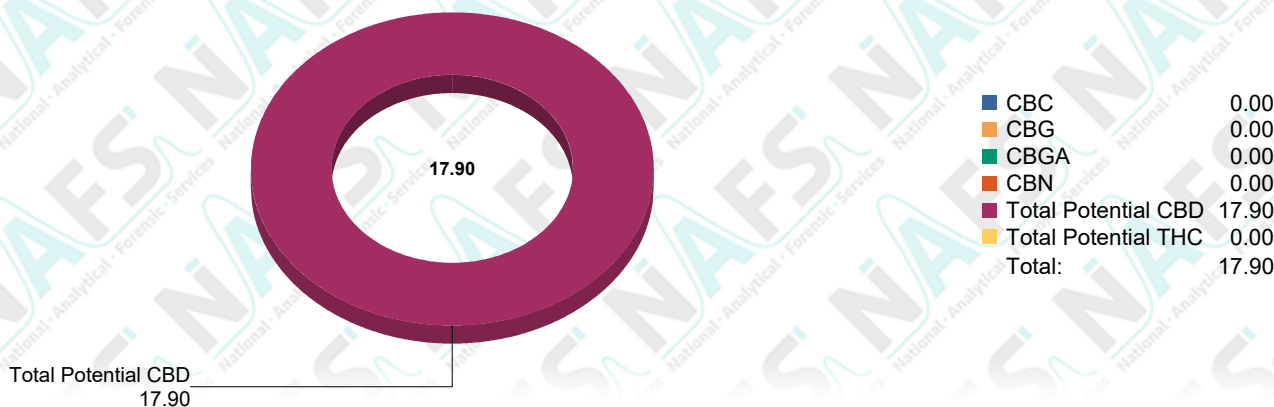


Test Name: Potency Cannabis Milligram Content (HPLC) (210324-008-001)

Specification: N/A
Test Method: *TM006.3
Sampling Method: SH007

Analyte	Results	*Std Dev.	*Safety Limits
CBC	ND mg/mL	mg/mL	N/A
CBD	6.426 mg/mL	+ - 0.795 mg/mL	N/A
CBD-A	13.078 mg/mL	+ - 1.652 mg/mL	N/A
CBD-V	ND mg/mL	mg/mL	N/A
CBG	ND mg/mL	mg/mL	N/A
CBG-A	ND mg/mL	mg/mL	N/A
CBN	ND mg/mL	mg/mL	N/A
THC	ND mg/mL	mg/mL	N/A
THC-A	ND mg/mL	mg/mL	N/A
THC-V	ND mg/mL	mg/mL	N/A
Total Potential CBD	17.895 mg/mL	+ - 2.244 mg/mL	N/A
Total Potential THC	ND mg/mL	mg/mL	N/A

Analyst: Jeanette Leygonie 2021/03/30 16:03:26



*ND (Not Detected)
*The current test method version is Validated
*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)
*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

Test Name: TM006.3 (Potency Cannabis HPLC) (210324-008-001)

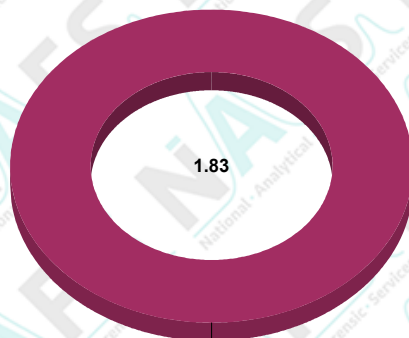
Specification: N/A

Test Method: *TM006.3

Sampling Method: SH007

Analyte	Results	*Std Dev.	*Safety Limits
CBC	ND % Weight	% Weight	N/A
CBD	0.657 % Weight	+ - 0.081 % Weight	N/A
CBD-A	1.336 % Weight	+ - 0.169 % Weight	N/A
CBD-V	ND % Weight	% Weight	N/A
CBG	ND % Weight	% Weight	N/A
CBG-A	ND % Weight	% Weight	N/A
CBN	ND % Weight	% Weight	N/A
Delta-9-THC	ND % Weight	% Weight	N/A
THC-A	ND % Weight	% Weight	N/A
THC-V	ND % Weight	% Weight	N/A
Total Potential CBD	1.828 % Weight	+ - 0.229 % Weight	N/A
Total Potential THC	ND % Weight	% Weight	N/A

Analyst: Jeanette Leygonie 2021/03/30 11:33:13



Total Potential CBD
1.83

CBC	0.00
CBG	0.00
CBGA	0.00
CBN	0.00
Total Potential CBD	1.83
Total Potential THC	0.00
Total:	1.83

*ND (Not Detected)
*The current test method version is Validated
*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)
*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

Test Name: TM003.3 (Residual Solvents Class 3) (210324-008-001)

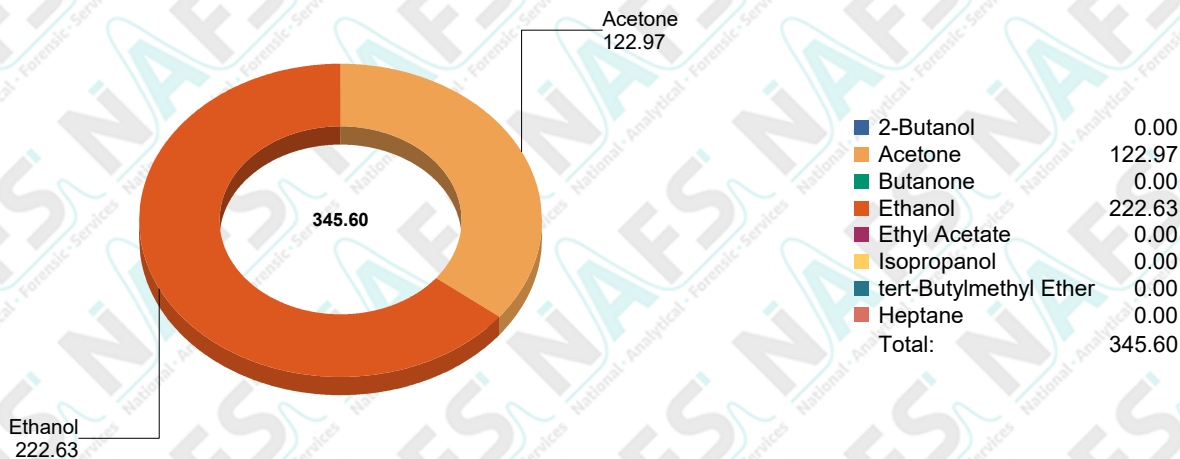
Specification: USP Specification (Oral)

Test Method: *TM003.3

Sampling Method: SH007

Analyte	Results	*Std Dev.	*Safety Limits
2-Butanol	ND ppm	ppm	< 5000 ppm PASS
Acetone	122.973 ppm OR	+/- 5.340 ppm	< 5000 ppm PASS
Methylethyl Ketone	ND ppm	ppm	< 5000 ppm PASS
Ethanol	222.628 ppm OR	+/- 160.820 ppm	< 5000 ppm PASS
Ethyl Acetate	ND ppm	ppm	< 5000 ppm PASS
Heptane	ND ppm	ppm	< 5000 ppm PASS
Isopropanol	ND ppm	ppm	< 5000 ppm PASS
tert-Butylmethyl Ether	ND ppm	ppm	< 5000 ppm PASS

Analyst: Alexander Wrbka 2021/03/30 16:11:24



*ND (Not Detected)

*The current test method version is Validated

*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)

*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

*OR (Outside Range) For quantitative analysis, calibration range is the concentration within which the analysis method is accurate. For limit tests the a single point calibration is employed with a range of +/-15% across the specification limit. An OR analyte flag signifies that only semi-quantitative data has been reported.

Test Name: TM003.5 (Terpenes) (210324-008-001)

Specification: N/A

Test Method: *TM003.5

Sampling Method: SH007

Analyte	Results	*Std Dev.	*Safety Limits
Alpha-Bisabolol	ND mg/g	mg/g	N/A
Alpha-Humulene	ND mg/g	mg/g	N/A
Alpha-Pinene	ND mg/g	mg/g	N/A
Alpha-Terpinene	ND mg/g	mg/g	N/A
Beta-Caryophyllene	0.162 mg/g	+ - 0.006 mg/g	N/A
Beta-Myrcene	ND mg/g	mg/g	N/A
Beta-Pinene	ND mg/g	mg/g	N/A
Camphene	ND mg/g	mg/g	N/A
Delta-3-Carene	ND mg/g	mg/g	N/A
Gamma-Terpinene	ND mg/g	mg/g	N/A
Geraniol	ND mg/g	mg/g	N/A
Isopulegol	ND mg/g	mg/g	N/A
Limonene	ND mg/g	mg/g	N/A
Linalool	ND mg/g	mg/g	N/A
Ocimene	ND mg/g	mg/g	N/A
Para-Cymene	ND mg/g	mg/g	N/A
Terpinolene	ND mg/g	mg/g	N/A

Analyst: Alexander Wrbka 2021/03/30 09:21:05



*ND (Not Detected)

*The current test method version is Un-Validated

*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)

*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

Test Name: TM007 (Density) (210324-008-001)

Specification: N/A

Test Method: *TM007

Sampling Method: SH007

Analyte	Results	*Std Dev.	*Safety Limits
Density	979.000 mg/mL	+ - 9.899 mg/mL	N/A
Sample Weight	48.950 mg	+ - 0.495 mg	N/A
		Analyst: Henrick Viviers	2021/03/31 11:22:32

*ND (Not Detected)

*The current test method version is Un-Validated

*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)

*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

Interpretations and Opinions:

Upon standing phase separation was noticed in the sample which would adversely affect the homogeneity of the batch due to the formation of an emulsion when mixed.

Additions, Deviations & Exclusions:

None

It should be noted that NAFS will only analyze the sample/s received. This sample cannot be regarded as representative of entire batch or crop. It is the responsibility of the client to ensure a representative sample is taken in an appropriate tamper proof sample container. NAFS cannot be held liable for negligent handling, storage and transport of client samples, prior to receipt. Any complaints may be directed toward NAFS using info@nafs.co.za (QA005)

Laboratory Manager

Released By: Henrick Viviers

Released On: 2021/03/31 11:22:30

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