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Certificate of Analysis

Sample ID:	191206-002-001
Retention Sample ID:	4,178
Client ID:	Oil Science
Client Address:	Unit 104, Radar Dad, 17 Queens Park Ave
Batch:	FL004206(Natrual CBD Drop 300 mg)
Date Receipt:	2019/12/06 10:57:01
Date Report Released:	2019/12/11 14:19:02
Sample Type:	Liquid
Package Condition:	Intact
Received By:	JLEYGONIE
Sample Amount:	30 gram
Tamper Proof:	Yes

Test Name: Potency Cannabis(HPLC) (191206-002-001)

Test Method: *TM006.3
Specification: USP Specification (Oral)

Analyte	Results		*Std Dev.		*Safety Limits
CBC	ND	% Weight		% Weight	N/A
CBD	1.078	% Weight	+- 0.008	% Weight	N/A
CBD-A	0.150	% Weight	+- 0.001	% Weight	N/A
CBG	ND	% Weight		% Weight	N/A
CBGA	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
Total Potential CBD	1.209	% Weight	+- 0.008	% Weight	N/A
Total Potential THC	ND	% Weight		% Weight	N/A

Analyst: Alexander Wrbka 2019/12/11 11:09:55
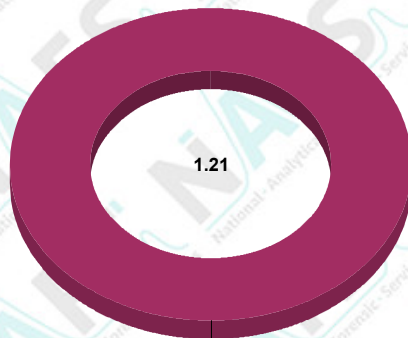
1.21

■	CBC	0.00
■	CBG	0.00
■	CBGA	0.00
■	CBN	0.00
■	Total Potential CBD	1.21
■	Total Potential THC	0.00
	Total:	1.21

Total Potential CBD
1.21

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*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: **Residual Solvents Class 3 (USP467) (191206-002-001)**
Test Method: *TM003.3
Specification: USP Specification (Oral)

Analyte	Results		*Std Dev.		*Safety Limits		
2-Butanol	ND	ppm		ppm	< 5000	ppm	**PASS**
Acetone	ND	ppm		ppm	< 5000	ppm	**PASS**
Butane	ND	ppm		ppm	< 5000	ppm	**PASS**
Methylethyl Ketone	ND	ppm		ppm	< 5000	ppm	**PASS**
Ethanol	ND	ppm		ppm	< 5000	ppm	**PASS**
Ethyl Acetate	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   2019/12/11 10:41:10

0.00

■	2-Butanol	0.00
■	Acetone	0.00
■	Butane	0.00
■	Butanone	0.00
■	Ethanol	0.00
■	Ethyl Acetate	0.00
■	Isopropanol	0.00
■	tert-Butylmethyl Ether	0.00
	Total:	0.00

*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)

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Page 2 of 6

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Test Name: **Potency Cannabis Milligram Content (HPLC) (191206-002-001)**
Test Method: *TM006.3
Specification: USP Specification (Oral)

Analyte	Results		*Std Dev.		*Safety Limits
CBC	ND	mg/mL		mg/mL	N/A
CBD	10.227	mg/mL	+- 0.073	mg/mL	N/A
CBDA	1.421	mg/mL	+- 0.014	mg/mL	N/A
CBG	ND	mg/mL		mg/mL	N/A
CBGA	ND	mg/mL		mg/mL	N/A
CBN	ND	mg/mL		mg/mL	N/A
THC	ND	mg/mL		mg/mL	N/A
THCA	ND	mg/mL		mg/mL	N/A
Total Potential CBD	11.473	mg/mL	+- 0.085	mg/mL	N/A
Total Potential THC	ND	mg/mL		mg/mL	N/A

Analyst: Alexander Wrbka 2019/12/11 13:47:10

11.47

Total Potential CBD
11.47
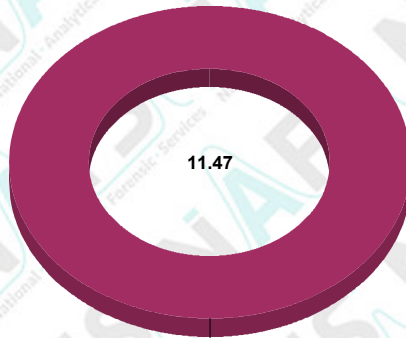
■ CBC		0.00
■ CBG		0.00
■ CBGA		0.00
■ CBN		0.00
■ Total Potential CBD		11.47
■ Total Potential THC		0.00
	Total:	11.47

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)

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Page 3 of 6

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Test Name: **Density (191206-002-001)**
Test Method: *TM007
Specification: USP Specification (Oral)

Analyte	Results		*Std Dev.		*Safety Limits
Density	949.000	mg/mL	+- 4.243	mg/mL	N/A
Sample Weight	47.450	mg	+- 0.212	mg	N/A

Analyst: *Alexander Wrbka* 2019/12/10 15:03:25

*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)

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Page 4 of 6

Test Name: **Terpenes (191206-002-001)**
Test Method: *TM003.5
Specification: USP Specification (Oral)

Analyte	Results		*Std Dev.		*Safety Limits
Camphene	ND	mg/g		mg/g	N/A
Guaiol	ND	mg/g		mg/g	N/A
Isopulegol	ND	mg/g		mg/g	N/A
Linalool	ND	mg/g		mg/g	N/A
Ocimene	ND	mg/g		mg/g	N/A
ß-Myrcene	ND	mg/g		mg/g	N/A
ß-Pinene	ND	mg/g		mg/g	N/A
Terpinolene	ND	mg/g		mg/g	N/A
α-Bisabolol	ND	mg/g		mg/g	N/A
α-Pinene	ND	mg/g		mg/g	N/A
α-Terpinene	ND	mg/g		mg/g	N/A
γ-Terpinene	ND	mg/g		mg/g	N/A
δ-3-Carene	ND	mg/g		mg/g	N/A
δ-Limonene	ND	mg/g		mg/g	N/A
ρ-Cymene	ND	mg/g		mg/g	N/A

Analyst: Alexander Wrbka   2019/12/11 11:59:31
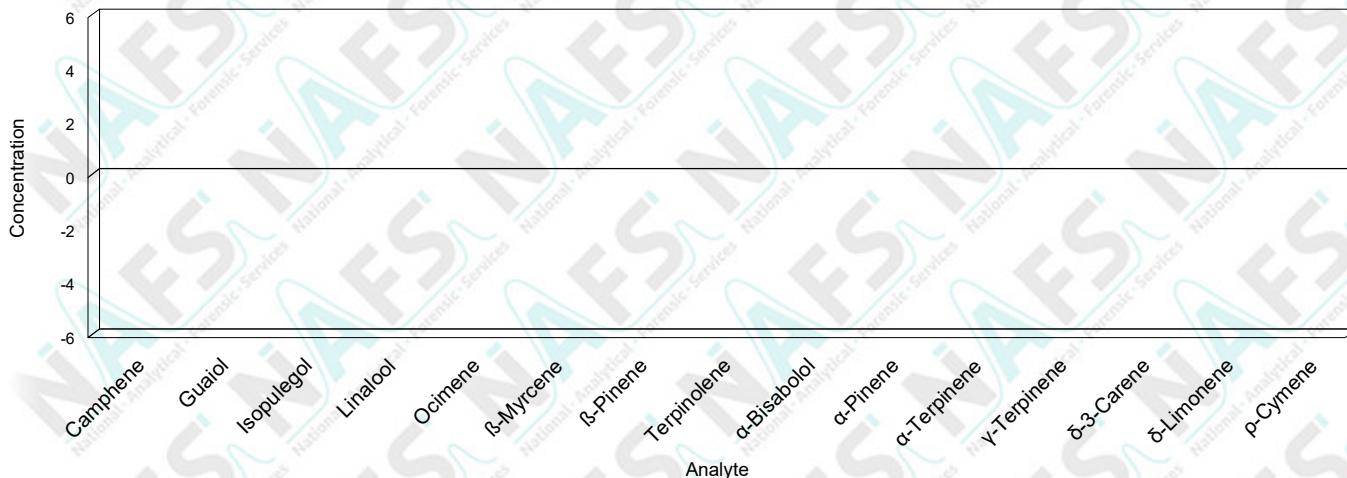
*ND (Not Detected)
*The current test method version is Un-Validated
*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)
*Safety Limits (Regulatory limits specified are according to the United States pharmacopeia where applicable)

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Page 5 of 6

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Interpretations and Opinions:

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)

Technical Signatory

Released By: Jeanette Leygonie

Released On: 2019/12/11 14:19:02

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