



Certificate of Analysis

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Kanna Elixir


(Standardized *Sceletium tortuosum* Glycerite)

Material Lot #: 203639 **Test Date:** 08/17/2021
Country of Origin: South Africa **Re-Test Date:** 08/16/2024

Analysis	Claim	Result
Total Alkaloids	≥2.0 mg/ml	2.040 mg/g
Mesembrine	≥1.2 mg/ml	1.700 mg/g

Test	Specification	Result
Total Alkaloids	≥2.0 mg/ml	2.040 mg/g (2.448 mg/ml)
Mesembrine	≥1.2 mg/ml	1.700 mg/g (2.040 mg/ml)
Mesembrenone	≥0.6 mg/ml	0.341 mg/g (0.409 mg/ml)
Heavy Metals		
Lead	≤0.5 ppm	<0.005 ppm
Mercury	≤0.5 ppm	<0.005 ppm
Cadmium	≤0.5 ppm	<0.005 ppm
Arsenic	≤0.5 ppm	<0.010 ppm
Total Aerobic Plate Count		
Yeast	<10 cfu/g	<10 cfu/g
Moulds	<10 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Not Detected per 25 g

Kanna Elixir should be stored at or below room temperature in a tightly sealed durable container. Kanna Elixir should be protected from excess heat, direct sunlight, excess humidity, and moisture. Kanna Elixir has a retesting period of 3 years from the date of analysis when properly stored. The concentration of alkaloids has been determined using GC-MS and each reported value is accurate within ±5%. The results expressed in mg/ml are calculated values using a tincture density of 1.2 g/ml.



Kanna Elixir

Main Benefits

- Kanna is a natural mood lifter which is known to promote a healthy sense of happiness and tranquility.
- Kanna is a mild SRI (Serotonin Reuptake Inhibitor).
- Furthermore, studies indicate that Kanna can be used to enhance cognitive function and may reduce addictive nicotine cravings.

Main Cautions

- Some reports have indicated that excessive amounts of Kanna can cause headaches and loss of appetite.
- Kanna should be avoided if you are taking any medication for depression.
- Do not use this supplement without first consulting with your doctor if you are taking any medication or have any medical condition.

Usage Tips

- A dropper is included. One full dropper contains approximately one serving, or approximately **30mg of Kanna Extract**. As a dietary supplement, take 1 serving 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Kanna Extract are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is highly recommended.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the tincture easier to tolerate.
- This supplement is not intended to treat, diagnose, prevent, or cure any diseases. Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications.
- It is safe to stack Kanna with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Kanna are most effective when they are supported by a healthy diet and plenty of exercise.

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ANALYTICAL REPORT
 AR-21-OH-047511-01

Client Code: OH0000902
 PO#: Kanna Maple - 203639
 Received On: 19Aug2021
 Reported On: 01Sep2021

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ANALYTICAL REPORT

AR-21-OH-047511-01

Client Code: OH0000902
 PO#: Kanna Maple - 203639
 Received On: 19Aug2021
 Reported On: 01Sep2021

Eurofins Sample Code: 477-2021-08190271	Sample Registration Date: 19Aug2021
Client Sample Code: 203639	Condition Upon Receipt: acceptable, 21.5°C
Sample Description: Kanna Maple	Sample Reference:
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19 and 983.14 (modified)
Parameter	Result
Arsenic	< 10.0 ppb
Cadmium	< 5.00 ppb
Lead	< 5.00 ppb
Mercury	< 5.00 ppb

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Completed 20Aug2021	Sub 1
Parameter	Result		
Coliforms	< 10 cfu/g		
Parameter	Result		
Escherichia coli	< 10 cfu/g		

UMDTC - Salmonella spp. - AOAC-RI 121501	Reference AOAC-RI 121501	Completed 01Sep2021	
Parameter	Result		
Salmonella	Not Detected per 25 g		

UWHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Completed 21Aug2021	
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		

UWHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Completed 21Aug2021	
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		

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ANALYTICAL REPORT

AR-21-OH-044298-01

Client Code: OH0000902
 PO#: 203568
 Received On: 04Aug2021
 Reported On: 17Aug2021

Eurofins Sample Code: 477-2021-08040235	Sample Registration Date: 04Aug2021
Client Sample Code: 203568	Condition Upon Receipt: acceptable, 20.8°C
Sample Description: Kanna Tincture Solution	Sample Reference:
UWB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.
Parameter	Result
Yeast	< 10 cfu/g
Parameter	Result
Moulds	< 10 cfu/g

UWVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Completed 06Aug2021	
Parameter	Result		
Aerobic Plate Count	< 10 cfu/g		

Y0YX - Scioteium Alkaloids (Mesembrine, Mesembrenone...)	Reference South African Journal of Botany 82 (2012) 99–107 (Completed 17Aug2021	Sub 1
Parameter	Result		
Mesembrinone	341 µg/g		
Mesembrenol	nd µg/g		
Mesembrine	1,700 µg/g		
Mesembranol	nd µg/g		
Total Reported Alkaloids	2,040 µg/g		

Subcontracting partners:
 1 - Eurofins SF Analytical DBA Craft Technologies, NC
 2 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Michael Kaiser
 Associate Technical Leader



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Eurofins Sample Code: 477-2021-08190271

Sample Registration Date: 19Aug2021

Condition Upon Receipt: acceptable, 21.5°C

Client Sample Code: 203639

Sample Reference:

Sample Reference:

Sample Description: Kanna Maple

Reference
FDA BAM Chapter 18 mod.

Completed
24Aug2021

Parameter

Result
< 10 cfu/g

Parameter

Result
< 10 cfu/g

UWVSE - Aerobic Plate Count - CMMEF Chapter 8.72

Reference
CMMEF Chapter 8.72

Completed
21Aug2021

Parameter

Result
< 10 cfu/g

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,



Christine Gwinn
 Associate Technical Leader

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