



Certificate of Analysis

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Kanna Extract

Sceletium tortuosum MT 55 Extract

Material Lot #: 2110112268224710002 Test Date: 01-28-2022
Country of Origin: South Africa Re-Test Date: 01-25-2025

Analysis	Claim	Result
Mesembrine	≥3%	5.90%
Total Alkaloids	≥5%	7.31%

Test	Specification	Result
Lead	≤0.5ppm	0.0964 ppm
Mercury	≤0.5ppm	<0.005 ppm
Cadmium	≤0.5ppm	0.0240 ppm
Arsenic	≤0.5 ppm	<0.01 ppm
Total Aerobic Plate Count	<1000 cfu/g	<10 cfu/g
Yeast	<100 cfu/g	<10 cfu/g
Moulds	<100 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Negative
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

Kanna Extract should be stored at or below room temperature in a tightly sealed durable container. Kanna Extract should be protected from excess heat, direct sunlight, excess humidity, and moisture. Kanna Extract has a retesting period of 3 years from the date of analysis when properly stored.

Kanna Extract



Main Benefits

- Kanna extract is a natural mood lifter which is known to promote a healthy sense of happiness and tranquility.
- Kanna extract is a mild SRI (Serotonin Reuptake Inhibitor).
- Furthermore, studies indicate that Kanna Extract 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 Extract 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 0.15 cc measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **50mg 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 powder 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 Extract with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Kanna Extract are most effective when they are supported by a healthy diet and plenty of exercise.



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Synaptent

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ANALYTICAL REPORT

AR-22-QH-004988-01

Client Code: QH0000902
PO#: 2110112268224710002

Received On: 19Jan2022
Reported On: 28Jan2022

Eurofins Sample Code: 477-2022-01190342	Sample Registration Date: 19Jan2022			
Client Sample Code: 2110112268224710002	Condition Upon Receipt: acceptable, 14.8°C			
Sample Description: KANNA EXTRACT MT55		Sample Reference:		
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19 and 993.14 (modified)	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 25Jan2022	Sub 2

Parameter	Result
Arsenic	<10.0 ppb
Cadmium	24.0 ppb
Lead	96.4 ppb
Mercury	<5.00 ppb

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 20Jan2022
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Parameter	Result
Coliforms	< 10 cfu/g
Parameter Escherichia coli	Result < 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 28Jan2022
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Parameter	Result
Salmonella	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 21Jan2022
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Parameter	Result
Staphylococcus aureus	< 10 cfu/g

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Client Sample Code: 2110112268224710002	Condition Upon Receipt: acceptable, 14.8°C	
Sample Description: KANNA EXTRACT MT55		Sample Reference:
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Completed 24Jan2022

Parameter	Result
Yeast	< 10 cfu/g
Parameter Moulds	Result < 10 cfu/g

UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 21Jan2022
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

YI01X - Sceletium Alkaloids (Mesembrine, Mesembrenone,..)	Reference South African Journal of Botany 82 (2012) 99–107 (Completed 28Jan2022	Sub 1
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Parameter	Result
Mesembrenone	8,970 µg/g
Mesembrenol	482 µg/g
Mesembrine	59,000 µg/g
Mesembranol	4,650 µg/g
Total Reported Alkaloids	73,100 µg/g

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

Respectfully Submitted,

Christine Gwinn
Associate Technical Leader

