

LIFTMODE

LIFTMODE
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Chicago, IL 60605

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CERTIFICATE OF ANALYSIS

Kanna Extract (MT55)

(*Sceletium tsuortuom*)

Material Lot #: 01062017990520
Country of Origin: South Africa

Analysis Date: 12/10/2020
Retesting Date: 12/10/2023

Analysis	Claim	Result
Total Alkaloids	≥5%	6.24%
Mesembrine	≥3%	4.81%

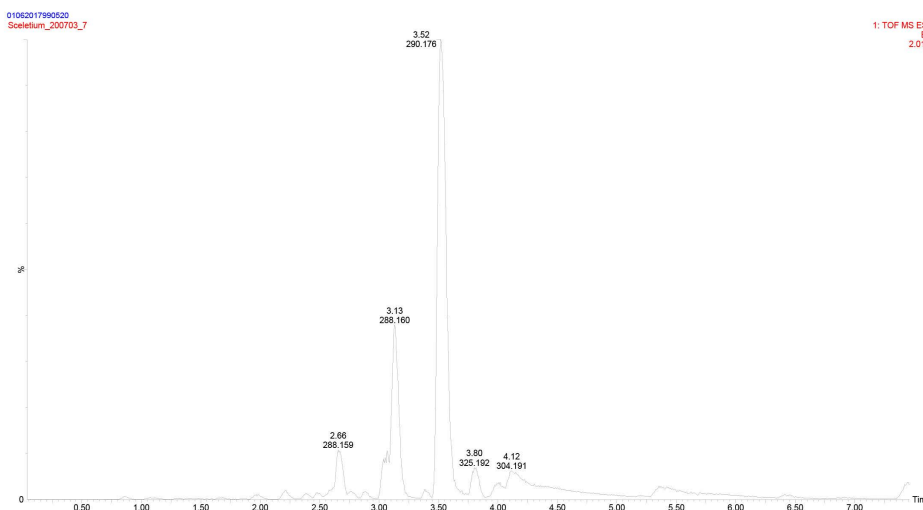
Test	Specification	Result
HPLC Assay:		
Total Alkaloids	≥5%	6.24%
Mesembrine	≥3%	4.81%
ICP-MS		
Arsenic	≤1.5 ppm	<0.010 ppm
Lead	≤0.5 ppm	0.015 ppm
Cadmium	≤0.5 ppm	<0.010 ppm
Mercury	≤0.5 ppm	<0.001 ppm
Total Aerobic Count	<1000 cfu/g	Conforms
Yeast & Mold	<100 cfu/g	Conforms
Coliform	<10 cfu/g	Conforms
<i>E. coli</i>	Negative	Conforms
Salmonella	Negative	Conforms

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.

Requested: Synaptent LLC
Report No: Synaptent_200706b
Instrument: Waters Synapt G2, ESI probe, ESI Pos, Cone Voltage 15 V

Sample preparation: 0.5 g accurately weighed out and extracted with 10ml methanol. After centrifugation, two dilutions were performed- 10x and 100x in glass vials ready for analysis by lcms.

Total ion chromatogram:



Quantify Compound Summary Report

Printed Mon Jul 06 10:58:31 2020

Sample Text	Δ7-mesembrenone	Mesembrenol	Mesembrenone	Mesembrine	Sceletium_A4	Total alkaloids
1062017990520	0.21	0.02	0.99	4.81	0.20	6.24

MS Unit

JC Smuts building., Private Bag X1, Matieland, 7602, South Africa
Tel: +27 21 808 5825 Fax: +27 21 808 5863 lcms@sun.ac.za www.sun.ac.za/caf

Certificate of Analysis

Client:
Synaptent LLC
47 W Polk Street, 100-241
Chicago, IL 60654

Order # Sample ID: 2020-011020-01 **Company:** Synaptent LLC
Customer Sample ID: 01062017990520
Sample Description: Kanna MT55 extract 01062017990520

Sample Collected By: Client

Product Name	Kanna Extract	Product Lot Number	01062017990520
Report Date	07/09/20	Laboratory Number	20060475


Analytical Testing

Method:	Component:	Result:	Test Date:
Metals (DMA)	Mercury	<0.167 ppb	09-Dec-2020
Metals (ICP-MS)	Arsenic	<10 ppb	10-Dec-2020
Metals (ICP-MS)	Cadmium	<10 ppb	10-Dec-2020
Metals (ICP-MS)	Lead	15.5 ppb	10-Dec-2020

Description	Method	Result
Mesembrine	HPLC	3.6%
Lead	ICP-MS	0.032 ppm
Arsenic	ICP-MS	1.765 ppm
Cadmium	ICP-MS	<0.001 ppm
Mercury	ICP-MS	<0.001 ppm
Total Aerobic Count	Biolumix	<1,000 cfu/g
Yeast and Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Absent
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Absent

Results Approved By: Joan SchroederDale
(Authorized Reviewer)

Collin Thomas 
Laboratory Manager

07/09/2020 
Date

The result(s) stated in this report is only for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, the result, or the company in any news release, public announcements or advertising without our prior written consent.

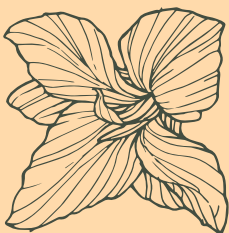
Medallion Labs maintains A2LA accreditation to ISO/IEC 17025 for the specific tests listed in certificates # 2769.01 and 2769.02. Medallion Labs' services, including this report, are provided subject to all provisions of Medallion's Standard Terms and Conditions, a copy of which appears at www.medallionlabs.com. Unless otherwise noted above, samples were received in acceptable condition and analyzed as received.

812 Meadow Lark Lane, Goodlettsville, TN 37072
Tel: 615-239-8604

Date Issued: December 10, 2020 Medallion Labs 9000 Plymouth Ave. N., Minneapolis, MN 55427 Report #: 36299

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Kanna Extract



Main Benefits

- Kanna extract is a natural mood uplifter 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.