



LIFTMODE  
47 W. Polk St. STE 100-241  
Chicago, IL 60605

liftmode@liftmode.com  
liftmode.com

## 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
E.coli	Negative	Conforms
Salmonella	Negative	Conforms

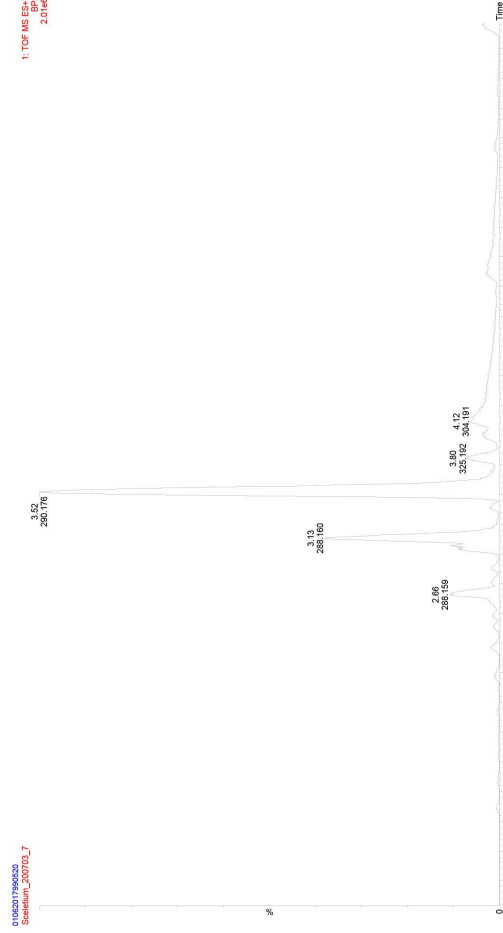
Kanna Extract should be stored at or below room temperature in a tightly sealed durable container. Kanna Extract should be protected from excess heat, direct sunlight, excess humidity, and moisture. Kanna Extract has a retesting period of 3 years from the date of analysis when properly stored.



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	01062017990520	0.21	0.02	0.99	4.81	0.20	6.24
Δ7-mesembrinone							
Mesembrenol							
Mesembrenone							
Mesembrine							
Sceletium_A4							
Total alkaloids							

#### 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](mailto:lcms@sun.ac.za) [www.sun.ac.za/caf](http://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.

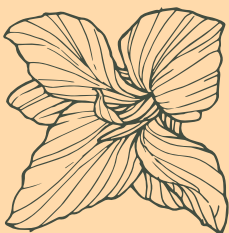
Medallion Labs maintains A2LA accreditation to ISO/IEC 17025 for the specific tests listed in certificates # 2769.01 and 2769.02. Medallion Labs' services, including this report, are provided subject to all provisions of Medallion's Standard Terms and Conditions, a copy of which appears at [www.medallionlabs.com](http://www.medallionlabs.com). 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

Page 2 of 3

### 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.