

LIFTMODE
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CERTIFICATE OF ANALYSIS

Kanna Extract (MT55) (*Sceletium tortuosum*)

Material Lot #: 1003191560059 Manufacture Date: 07/15/2019
Country of Origin: South Africa Testing Date: 12/26/2019
Retesting Date: 12/25/2022

Analysis	Claim	Result
Kanna Extract	≥3% Mesembrine	3.4%

Test	Specification	Result
Appearance	Fine Powder	Complies
Active Mesembrine	≥3%	3.4%
Solubility	Soluble in water (20°C = 16g/100ml)	Complies
Moisture	≤3%	3.1%
Lead	<3.0 mg/kg	Complies
Cadmium	<1.0 mg/kg	Complies
Mercury	<0.1 mg/kg	Complies
Yeast & Mold	<100 cfu/g	Complies
Total aerobic count	<1000 cfu/g	Complies
E.coli	<100 cfu/g	Not detected
Salmonella	Negative	Not detected

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 testing when properly stored.



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Certificate of Analysis

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

Product Name	Kanna	Client Lot Number	1003191560059
Report Date	12/26/19	Laboratory Number	13452

Test	Method	Result
Mesembrine	HPLC	1.7%
Mesembrone	HPLC	0.78%
Total Alkaloids	HPLC	2.67%
Lead	ICP-MS USP <730>	0.013 ppm
Arsenic	ICP-MS USP <730>	<0.0001 ppm
Cadmium	ICP-MS USP <730>	0.013 ppm
Mercury	ICP-MS USP <730>	0.004 ppm
Total Aerobic count	Biolumix	<100 cfu/g
Yeast and Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Negative

Collin Thomas
Laboratory Manager

12/26/2019
Date

This report is intended for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, its result, or the company in any news release, public announcements or advertising without our prior written consent.

Main Benefits

- 5-HTP is well known natural serotonin precursor to serotonin to help improve mood.
- 5-HTP is a natural serotonin acting as a chemical precursor to serotonin to help improve mood.
- 5-HTP is well known natural serotonin precursor to serotonin to help improve mood.
- In addition to promoting healthy sleep, 5-HTP reduces stress and supports a healthy metabolism.

Main Cautions

- 5-HTP is considered to be a highly safe and effective natural dietary supplement, when taken at the recommended serving size.
- Side effects of large dosages may include upset stomach, nausea, or drowsiness. If you experience any of these symptoms, discontinue use and consult your doctor if you are taking any medication or have any underlying medical conditions.
- Do not use this supplement without first consulting your doctor if you are taking any medication or have any underlying medical conditions.

Kanna Extract

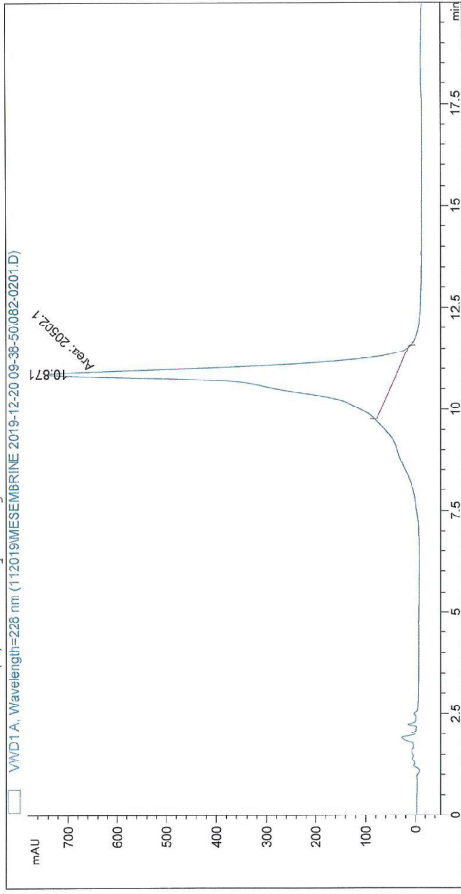
Usage Tips

- A 0.15 cc measuring scoop is included. One level scoop provides approximately 100 mg of the supplement. Take 1-2 scoops (20-40 mg) per day, with meals. For best results, consume with a meal or snack.
- The negative effects of 5-HTP are dependent on the amount taken. Use of a scoop with 100mg/0.15cc accuracy or better is highly recommended.
- 5-HTP is a natural serotonin acting as a chemical precursor to serotonin to help improve mood. It is safe to stack 5-HTP with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of 5-HTP are most effective when supported by a healthy diet and plenty of exercise.

Data File C:\CHEM32\2\DATA\112019\MESEBRINE 2019-12-20 09-38-50\082-0201.D
 Sample Name: Mesberrine STD

=====
 Acq. Operator : Yoho Seq. Line : 2
 Acq. Instrument : Instrument 2 Location : Vial 82
 Injection Date : 12/20/2019 10:02:12 AM Inj : 1
 Inj Volume : 50.0 µl
 Acq. Method : C:\CHEM32\2\DATA\112019\MESEBRINE 2019-12-20 09-38-50\MESEBRINE.M
 Last changed : 12/20/2019 9:56:46 AM by Yoho
 (modified after loading)
 Analysis Method : C:\CHEM32\2\DATA\121619\LEAN\CLEAN 2019-12-26 08-42-39\CLEAN WASH 15ML.M
 M

Last changed : 12/13/2019 8:19:16 AM by Yoho
 Additional Info : Peak(s) manually integrated



=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier: : 1.0000
 Dilution: : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=228 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU * s]	Height [mAU]	Area %
1	10.871	MM	0.4856	2.05021e4	703.65107	100.0000

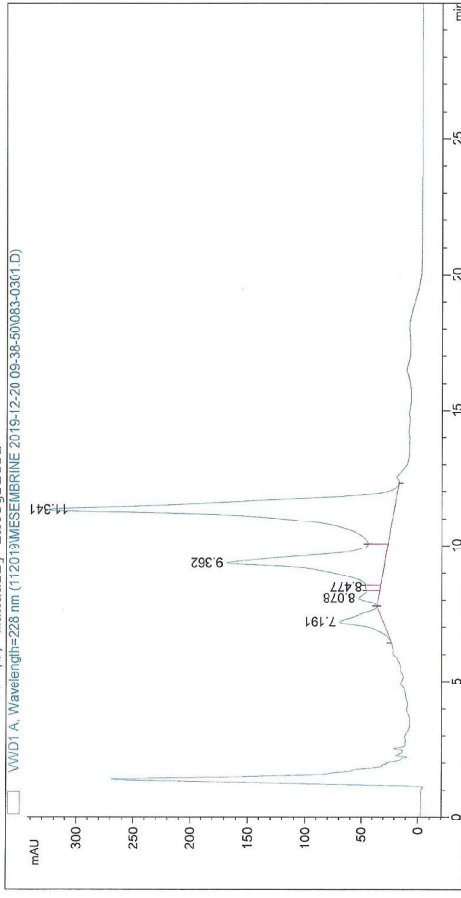
Totals : 2.05021e4 703.65107

=====
 *** End of Report ***

Data File C:\CHEM32\2\DATA\112019\MESEBRINE 2019-12-20 09-38-50\083-0301.D
 Sample Name: 1003191560059

=====
 Acq. Operator : Yoho Seq. Line : 3
 Acq. Instrument : Instrument 2 Location : Vial 83
 Injection Date : 12/20/2019 11:03:53 AM Inj : 1
 Inj Volume : 50.0 µl
 Acq. Method : C:\CHEM32\2\DATA\112019\MESEBRINE 2019-12-20 09-38-50\MESEBRINE.M
 Last changed : 12/20/2019 11:15:03 AM by Yoho
 (modified after loading)
 Analysis Method : C:\CHEM32\2\DATA\121619\LEAN\CLEAN 2019-12-26 08-42-39\CLEAN WASH 15ML.M
 M

Last changed : 12/13/2019 8:19:16 AM by Yoho
 Additional Info : Peak(s) manually integrated



=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier: : 1.0000
 Dilution: : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=228 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU * s]	Height [mAU]	Area %
1	7.191	BB	0.3907	1104.06128	39.26038	6.2071
2	8.078	BV	0.3027	378.52316	18.06737	2.1281
3	8.477	VV	0.1627	150.84959	13.46491	0.8481
4	9.362	VV	0.4715	5017.20801	138.70453	28.2072
5	11.341	VB	0.4770	1.11363e4	304.93149	62.6095

Totals : 1.77870e4 514.42866