



# Certificate of Analysis

47 W Polk St. STE 100-241  
Chicago, IL 60605  
liftmode@liftmode.com



## Coleus forskohlii Extract

 *Coleus barbatus* Extract

Material Lot #:	2018014507	Test Date:	07/08/2021
Country of Origin:	India	Re-Test Date:	07/05/2024

Analysis	Claim	Result
Forskolin	≥ 10%	12.5%

Test/Method	Specification	Result
Lead (ICP-MS)	<1 ppm	Conforms
Arsenic (ICP-MS)	<1 ppm	Conforms
Cadmium (ICP-MS)	<1 ppm	Conforms
Mercury (ICP-MS)	<1 ppm	Conforms
Total Aerobic Plate Count (Biolumix)	<1,000 cfu/g	Conforms
Yeast & Mold (Biolumix)	<100 cfu/g	Conforms
E.Coli (Biolumix)	Absent	Conforms
Coliform (Biolumix)	<10 cfu/g	Conforms
Salmonella (Biolumix)	Absent	Conforms
Assay (HPLC)	≥ 10.0%	12.5%

Coleus forskohlii Extract should be stored at or below room temperature in a tightly sealed durable container. Coleus forskohlii Extract should be protected from excess heat, direct sunlight, excess humidity and moisture. Coleus forskohlii Extract has a stable shelf life of 3 years from the date of manufacture when properly stored.

# CERTIFICATE OF ANALYSIS

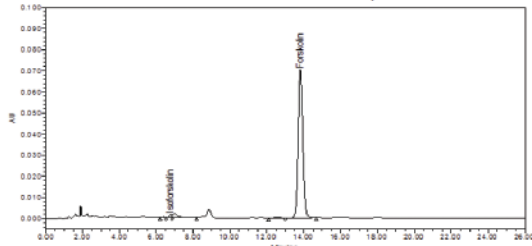


12661 HOOVER STREET GARDEN GROVE, CA 92841 | P. 714-754-4372 | F. 714-668-9972 | WWW.ALKEMIST.COM

**Report Issued To:** Synaptent  
47 W. Polk St.; 100-241  
Chicago IL 60605-2000  
USA

**Sample Name:** Coleus forskohlii extract, ≥10% Forskolin  
**Description:** Powdered extract; Fine dark brown powder;  
white lid jar  
**Lot #:** 2018014507  
**AL #:** 21168AKK\_1  
**Analysis ID:** 158653  
**Received:** 06/17/21

Determination of Forskolin Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (% As Is)	Prep 2 (% As Is)	Average (% As Is)	Average Dried Basis (%)	Specification	Result
13.8	Forskolin	12.111	12.327	12.219	12.455	≥10%	Pass

**Chromatographic Conditions:**

Method: USP - Powdered Forskohlii Extract  
Column: AP205 Luna 5µ C18 (2) 100Å (250 x 4.6 mm)  
Temperature: 30°C  
Flow Rate: 1.8 mL/min  
Injection Volume: 20 µL  
UV Detection: 220 nm  
Mobile Phase: Water  
Acetonitrile  
HPLC Instrument: Alliance\_6

**Sample Preparation:**

Weighed 250 mg of sample into a 25 mL volumetric flask, added 20 mL acetonitrile and sonicated for 10 minutes at 40°C. Let cool to room temperature and filled to volume with acetonitrile. Filtered through 0.45 µm PTFE syringe filter into HPLC vials for analysis, discarding first few mL's of filtrate.

**Report Summary:**

Conclusion: This "Coleus forskohlii extract, ≥10% Forskolin" test sample has 12% forskolin on the dried basis.  
Loss on Drying: 1.89%  
OOS Reference: N/A  
Empower File: 18821 Forskolin



Digitally signed by Celine Deneuve  
DN: cn=Celine Deneuve, o, ou,  
email=celine@alkemist.com,  
c=US  
Date: 2021.07.08 16:51:59 -0700

Analysis Date : 07/08/21 Analyzed By: D Jimenez

Authorized By: Celine Deneuve,  
Analytical Chemistry Supervisor

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## Coleus forskohlii Extract



### Main Benefits

- A number of studies show that Coleus forskohlii Extract effectively burns excess fat from cells; improving the lives of those who are looking to burn fat quickly.
- Coleus forskohlii Extract has also been found strengthen bone density and stimulate testosterone production allowing for an increase in muscle mass.
- Coleus forskohlii Extract also promotes a healthy respiratory system.

### Main Cautions

- Coleus forskohlii Extract is recognized as generally safe. Particularly when taken orally.
- Excessive amounts of Coleus forskohlii Extract may result in headaches or eye irritation. Do not exceed the recommended serving suggestion.
- Do not use this supplement without first consulting with your doctor if you are taking any medication or have any medical condition. Do not use this supplement if you are taking any blood thinners or anti-platelet medications.

### Usage Tips

- A 0.15 cc measuring scoop is included. Two rounded scoops contains approximately one serving, or approximately **250mg of Coleus forskohlii 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 Coleus forskohlii 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 Coleus forskohlii Extract with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Coleus forskohlii Extract are most effective when they are supported by a healthy diet and plenty of exercise.



Colmaric Analyticals, LLC

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

### Certificate of Analysis

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

Product Name	Coleus Forskohlii Extract	Product Lot Number	2018014507
Report Date	08/12/2019	Laboratory Number	12420

Description	Method	Result
Forskolin	HPLC	11.1%
Lead	ICP-MS USP <730>	0.037 ppm
Arsenic	ICP-MS USP <730>	<0.0001 ppm
Cadmium	ICP-MS USP <730>	0.008 ppm
Mercury	ICP-MS USP <730>	0.001 ppm
Total Aerobic Count	Biolumix	<1000 cfu/g
Yeast & Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	AOAC 967.26	Negative

Collin Thomas  
Laboratory Manager

08/12/2019  
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.

# CERTIFICATE OF ANALYSIS

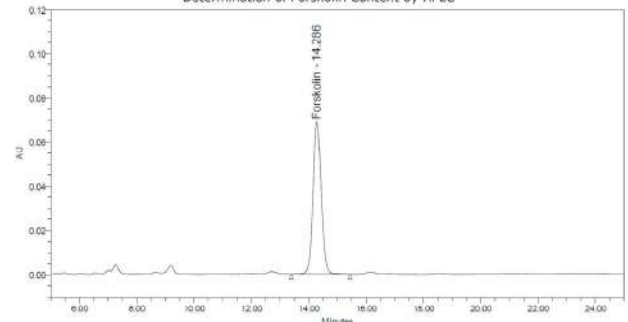


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**Report Issued To:** Synaptent  
47 W. Polk St.  
Chicago Illinois 60605

**Sample Name:** Coleus forskohlii Extract  
**Description:** Powdered extract; Blue plastic bottle  
**Lot #:** 2018014507  
**AL #:** 19211TXM\_2  
**Analysis ID:** 123342  
**Received:** 07/30/19

Determination of Forskolin Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 As Is (%)	Prep 2 As Is (%)	Average As Is (%)	Average Dried Basis (%)	Specification	Result
14.3	Forskolin	12.201	12.043	12.122	12.122	NLT 10%	Pass

**Chromatographic Conditions:**

Method: USP 42 - Powdered Forskohlii Extract  
Column: AP205 Luna 5µ C18 (2) 100Å (250 x 4.6 mm)  
Temperature: 30°C  
Flow Rate: 1.8 mL/min  
Injection Volume: 20 µL  
UV Detection: 220 nm  
Mobile Phase: Water  
Acetonitrile  
HPLC Instrument: Alliance\_3

**Sample Preparation:**

Weighed 250 mg of sample into a 25 mL volumetric flask, added 20 mL acetonitrile and sonicated for 10 minutes at 40°C. Let cool to room temperature and filled to volume with acetonitrile. Filtered through 0.45 µm PTFE syringe filter into HPLC vials for analysis.

**Report Summary:**

Conclusion: This "Coleus forskohlii Extract" test sample contains 12% forskolin on the dried basis.  
OOS Reference: N/A  
Loss on Drying: 0.00%  
Notebook Reference: 22019 Forskolin

Analysis Date : 08/09/19 Analyzed By: A Pham

Authorized By: Colin Gray,  
Lead Analytical Chemist

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