



Certificate of Analysis

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

LiftMode

Blue Spirulina Extract

 (*Arthrospira platensis* Extract)

Material Lot #: 20190827

Manufacture Date: 08/27/2019

Country of Origin: China

Test Date: 11/16/2020

Re-Test Date: 11/13/2022

Analysis

Claim

Result

Phycocyanins

≥ 25.0%

27.3%

Test/Method	Specification	Result
Appearance	Blue fine powder	Conforms
Taste/Odor	Mild, tastes like seaweed	Conforms
Solubility	Water soluble	Conforms
Moisture	≤ 7.0%	5.4%
Colour value (10% E618nm)	>180 unit	183 unit
Mycrocystin	Not detected	Not detected
Lead (ICP-MS)	<1 ppm	0.014 ppm
Arsenic (ICP-MS)	<1 ppm	0.665 ppm
Cadmium (ICP-MS)	<1 ppm	0.033 ppm
Mercury (ICP-MS)	<1 ppm	<0.001 ppm
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

Blue Spirulina Extract



Main Benefits

- Spirulina is proven to be a powerful antioxidant and anti-inflammatory. Phycocyanin, the primary active ingredient in Spirulina can fight free radicals and inhibit production of inflammatory signaling molecules.
- Spirulina has also been shown to lower harmful cholesterol and triglyceride levels in the body.
- Studies also show that Spirulina can reduce blood pressure and promote healthy levels of hemoglobin.

Main Cautions

- Blue Spirulina Extract is considered to be safe within the recommended serving sizes.
- It is not recommended to exceed the suggested serving size.
- Do not use this supplement without first consulting your doctor if you are taking any medication or have any underlying medical conditions.

Usage Tips

- A 1.0 cc measuring scoop is included. One level scoop contains approximately one serving, or approximately **500mg of Blue Spirulina Extract**. As a dietary supplement, take 1-2 servings 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Blue Spirulina Extract are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is 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 Blue Spirulina Extract with other dietary supplements, so long as the amount consumed does not exceed the suggested serving size of 500mg 1-2 times per day.
- The benefits of Blue Spirulina Extract are most effective when they are supported by a healthy diet and plenty of exercise.

Blue Spirulina Extract should be stored at or below room temperature in a tightly sealed durable container. Blue Spirulina Extract should be protected from excess heat, direct sunlight, excess humidity and moisture. Blue Spirulina Extract has a stable shelf life of 2 years from the date of manufacture when properly stored.



Certificate of Analysis

Client:

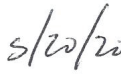
Synaptent LLC
47 W Polk Street, 100-241
Chicago, IL 60654

Sample Collected By: Client

Product Name	Phycocyanin Powder	Product Lot Number	20190827
Report Date	05/20/20	Laboratory Number	20030043

Description	Method	Result
Microcystin-LA	HPLC	Not detected
Microcystin-LR	HPLC	Not detected
Microcystin-RR	HPLC	Not detected
Phycocyanin	UV-vis	26.8%
Lead	ICP-MS	0.014 ppm
Arsenic	ICP-MS	0.665 ppm
Cadmium	ICP-MS	0.033 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

Collin Thomas 
Laboratory Manager

05/20/2020 
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.

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

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.
Chicago, Illinois 60605

Sample Name: Spirulina extract
Description: Powdered extract; Dark blue powder
Lot #: 20190827
Order #: 20295XLY_1
Analysis ID: 209038
Received: 10/21/2020 10:49:49 AM

Determination of Phycocyanin Content by UV-Vis

Compound Name	Prep #	Amount (%)	Specification	Result
Phycocyanins	1	27.892	N/A	N/A
	2	26.720	N/A	N/A
	Average	27.306	Report Only	N/A

Conditions:

Method: LTM-1115-0108
Detection: 620 nm, 652 nm, 562 nm

Sample Preparation:

Transferred Approximately 200 mg of sample to a 100 mL volumetric flask. Added 80 mL of 0.1M sodium phosphate buffer pH 7.0. Vortexed 30 seconds and sonicated 5 minutes at room temperature. Let cool and QS with 0.1M sodium phosphate buffer pH 7.0. mixed well and transferred to a 50 mL centrifuge tube. Left in freezer overnight. Removed from freezer and let sit on bench top until room temperature. Centrifuged for 15 minutes.

Report Summary:

Conclusion: This "Spirulina extract" test sample contains an average of 27% phycocyanins.
OOS Reference: N/A
Notebook Reference: UV025 p. 048



Digitally signed by Celine Deneuve
DN: cn=Celine Deneuve,
o, ou,
email=celine@alkemist.com, c=US
Date: 2020.11.16 15:56:06 -08'00'

Analysis Date: 11/16/20

Analyzed By: T. French

Authorized By: Celine Deneuve,
Analytical Chemistry Supervisor

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report is for the exclusive use of the party who requested the report and not for public dissemination or use by third parties, including for promotional purposes, without the prior written permission of Alkemist Labs. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented or abstracted in any manner. Any violation of these conditions renders the report and its results void.
© 2018 Alkemist Labs All Rights Reserved