

LIFTMODE

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

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CERTIFICATE OF ANALYSIS

Cordyceps Super Extract

Material Lot #: 200218 Manufacture Date: 02/20/2018
Country of Origin: United States Re-Test Date: 02/17/2022

| Analysis | Claim | Result |
|------------------|-------|--------|
| 1,3-1,6 β-Glucan | ≥15% | 32.95% |


| Test | Specification | Result |
|------------------------------|--------------------|-------------|
| Appearance | Light Brown Powder | Complies |
| Moisture | ≤7.0% | 5.56% |
| Total Plate Count | ≤10,000 ppm | 110 cfu/g |
| Yeast & Mold | ≤500 ppm | <10 cfu/g |
| Coliforms | ≤30 ppm | <10 cfu/g |
| E.Coli | Negative | Complies |
| Salmonella | Negative | Complies |
| S. aureus | Negative | Complies |
| Arsenic | ≤3 ppm | <0.10 ppm |
| Cadmium | ≤1 ppm | <0.05 ppm |
| Lead | ≤1 ppm | 0.045 ppm |
| Mercury | ≤1 ppm | <0.02 ppm |
| Total Polysaccharide Content | ≥50% | 77.74% |
| 1,3-1,6 Beta Glucan Content | ≥15% | 32.95% |
| Alpha Glucan Content | ≥5% | 1.25% |
| Adenosine | Informational Only | 0.1962 mg/g |
| Cordycepin | ≥0.02 mg/g | 0.4658 mg/g |
| Adenine | Informational Only | 0.0385 mg/g |
| Hydroxyethyl-adenosine | Informational Only | 0.0247 mg/g |
| Ethyl-adenosine | Informational Only | 0.0112 mg/g |
| Mannitol | Informational Only | 61.24 mg/g |

Cordyceps Super Extract should be stored at or below room temperature in a tightly sealed durable container. Cordyceps Super Extract should be protected from excess heat, direct sunlight, excess humidity and moisture. When stored properly; Cordyceps Extract should be retested 4 years from the date of manufacture (or last testing).

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Cordyceps Super Extract
(Cordyceps sinensis + Cordyceps militaris)

Main Benefits

- Cordyceps has been found to be an effective antioxidant which can be used to boost overall health.
- Studies indicate that Cordyceps Extract is immensely powerful in promoting liver and kidney health.
- Cordyceps can be used to promote the production of health-regulating hormones and even increase the bioavailability of water in your body.

Main Cautions

- Cordyceps Extract is generally regarded as safe when taken orally as a dietary supplement. However, we still advise that you not exceed the serving suggestion.
- Cordyceps may cause increased bloodflow during surgery, and might interact with auto-immune diseases and bleeding disorders.
- 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 1.7 cc measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **800mg of Cordyceps Super 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 Cordyceps 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 Cordyceps Extract with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Cordyceps 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 | Organic Cordyceps Super Extract | Product Lot Number | 200218 |
| Report Date | 08/30/19 | Laboratory Number | 12468 |

| Description | Method | Result |
|-------------------------|------------------|-------------|
| Alpha Glucans | K-YBGL | 66.1% |
| Beta Glucans (1,3)(1,6) | K-YBGL | <0.5% |
| Cordycepin | HPLC | <0.1% |
| Lead | ICP-MS USP <730> | 0.049 ppm |
| Arsenic | ICP-MS USP <730> | <0.0001 ppm |
| Cadmium | ICP-MS USP <730> | 0.038 ppm |
| Mercury | ICP-MS USP <730> | 0.002 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 |

Megazyme Test Kit: K-YBGL

Collin Thomas 
Laboratory Manager

08/30/2019 
Date

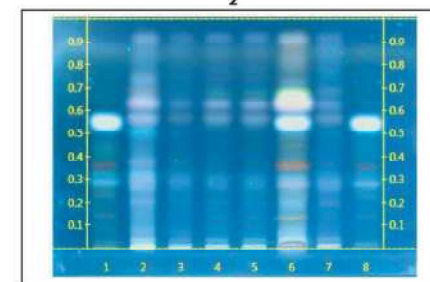
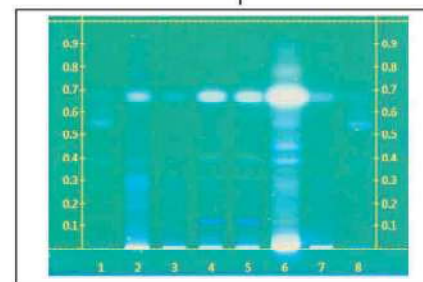
The result(s) stated in this report is only for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, the result, or the company in any news release, public announcements or advertising without our prior written consent.

Certificate Issued To:
Synaptent
47 W. Polk St.
Chicago, Illinois 60605



Work performed at:
Alkemist Labs
12661 Hoover Street
Garden Grove, CA 92841
714-754-HERB (4372)
714-668-9972 (FAX)
Sales@Alkemist.com
www.Alkemist.com

Certificate of Analysis: Organic Cordyceps (200218)
High Performance Thin-Layer Chromatography with Photo-Documentation



Company Name: Synaptent
Title: Organic Cordyceps
Plant Part: whole
Sample Received: 07/29/19
Sample Packaging: Light Sensitive Plastic Bottle or Jar
Form of Botanical: powdered extract
Appearance: Blue plastic bottle with silver lid
Lot Number: (200218) → Lanes 4(8µl), 5(8µl)
Sample: 19210NWZ_1
Latin Name: Cordyceps sp.
Reference Sample: Lane 2(8µl) (UH10113PPM1) *Paeclomyces hepiali* (mycelia); Lane 3(8µl) (UH07212MRH1) *Paeclomyces hepiali* (entire); Lane 6(8µl) (ASL10213NAMX1) *Cordyceps militaris* (fruiting body); Lane 7(8µl) (ASL19317FPM1) *Cordyceps militaris* (mycelia); held at Alkemist Labs, Garden Grove, CA.
Analyst: A. Davis, J. Kim, N. Afendikova, M. Edwards, S. Rodriguez, S. Kabbaj, M. Lababidi, N. Hoang, K. Tran 122828
Sample Preparation: 0.3g + 3mL Methanol, sonicate/heat at 50°C for 30 min.
Stationary Phase: Silica gel 60, HPTLC plates
Mobile Phase: Toluene; Ethyl Formate; Formic Acid (5/5/0.2)
Detection: (1) UV 366 nm
(2) 10% Sulfuric, 100°C, 2min, 366nm (Reich, E., 2007)
Reference Standard: Lanes 1 (3µl) and 8(3µl) Ergosterol (WXBC5157V, SigAll), Methanol (0000206696, BDH)
Reference Source: Method Developed by Alkemist Labs
IDT-SOP-72-01

Comments & Conclusions: Lanes 4, 5 are the test sample Organic Cordyceps (200218) Lanes 2, 3, 6, 7 are the reference samples used for comparison. This test sample, Organic Cordyceps (200218), has characteristics of the chromatographic profile of *Cordyceps sp.* reference samples used above. **This test sample Organic Cordyceps (200218) indicates the presence of Cordyceps sp. mycelia.**

NOTE: The above conclusion may be a function of the natural variance found in botanicals &/or the extraction process used to create specific extracts, the growing and drying conditions, age, seasonal variations, geographic location, extraction solvents, etc. all play a role in the phytochemical fingerprint of botanicals as well as their extracts; hence, chromatographic variations are expected.

Digitally signed

by Sidney

Sudberg

Date:

2019.08.02

16:20:01 -0700



Examined, Reviewed & Authorized by: Sidney Sudberg, Chief Scientific Officer, Alkemist Labs

Report Date: 08/02/19

ISO/IEC 17025



ACCREDITED
CERTIFICATE #28101

Note: Any unidentified lanes in the above chromatograms are confidential and may represent internal studies or other test samples not related to 200218. 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, Inc. 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. © 2019 Alkemist Labs, Inc. All Rights Reserved