



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

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www.liftmode.com

CERTIFICATE OF ANALYSIS

Huperzine A 1%

(*Huperzine serrata* extract)

Material Lot #: 20200413
Country of Origin: China

Manufacture Date: 04/13/2020
Test Date: 06/26/2020
Re-Test Date: 06/23/2023

| Analysis | Claim | Result |
|----------|-------|--------|
|----------|-------|--------|

| | | |
|-------------|-------|------|
| Huperzine A | ≥1.0% | 1.2% |
|-------------|-------|------|

| Test | Specification | Result |
|---------------------|---------------------|---------------|
| Appearance | Off-white powder | Complies |
| Identification | Characteristic | Complies |
| Mesh Size | 95% through 80 mesh | Complies |
| Loss on Drying | ≤5.0% | 1.1% |
| Residue on Ignition | ≤5.0% | 0.25% |
| Bulk Density | 0.3-0.6 g/ml | 0.56 g/ml |
| Ethanol | ≤5,000 ppm | Complies |
| Heavy Metals | ≤10 ppm | <10 ppm |
| Arsenic | ≤3.00 ppm | 0.5 ppm |
| Lead | ≤3.00 ppm | 0.7 ppm |
| Cadmium | ≤3.00 ppm | 0.3 ppm |
| Mercury | ≤2.00 ppm | Not detected |
| Total Plate Count | <10,000 CFU/g | <10,000 CFU/g |
| Yeast & Mold | <1,000 CFU/g | <1,000 CFU/g |
| E.Coli | Negative | Negative |
| Salmonella | Negative | Negative |
| Staphylococcus | Negative | Negative |

Huperzine A 1% should be stored at or below room temperature in a tightly sealed durable container.
Huperzine A 1% should be protected from excess heat, direct sunlight, excess humidity and moisture.
Huperzine A 1% has a stable shelf life of 3 years from the date of manufacture when properly stored.

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HUPERZINE A



Main Benefits

- Research has shown that Huperzine A may improve memory, and may be especially effective in combating memory loss associated with aging.
- Huperzine A has also been known to improve cognitive performance and learning capacity.
- Huperzine A directly increases acetylcholine levels in the brain, thus allowing its strong association with overall brain health.

Main Cautions

- **If Huperzine A is consumed in excessive amounts, adverse effects may include** nausea, headaches, sweating, slurred speech, restlessness, blurred vision, and twitching
- Although the levels required for toxic effects are extremely high relative to the suggested serving size, it is still strongly recommended to not exceed the suggested serving size.
- Excessive single-serving amounts of Huperzine A have been found to produce a contraction of muscle fibers.

Usage Tips

- A micro measuring scoop is included. One level scoop contains approximately one serving, or approximately **15 mg of Huperzine A 1%**. As a dietary supplement, take 1-2 servings 1-2 times per day. Start at the lower suggested quantity to assess response.
- It is safe to stack Huperzine A with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- Huperzine A benefits are most effective when they are supported by a healthy diet and plenty of exercise.
- 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.
- The negative effects of Huperzine A are dependent on the amount taken, so use of a scale with 10mg accuracy or better is highly recommended.
- Given the potency, Huperzine A can be very bitter and astringent. Use of capsules, tea, yogurt, apple sauce, or oatmeal may help with this.



Certificate of Analysis

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

Sample Collected By: Client

| | | | |
|--------------|-------------|--------------------|----------|
| Product Name | Huperzine A | Product Lot Number | 20200413 |
| Report Date | 06/26/20 | Laboratory Number | 20060408 |

| Description | Method | Result |
|---------------------|----------|------------|
| Huperzine A | HPLC | 1.2% |
| Lead | ICP-MS | 0.35 ppm |
| Arsenic | ICP-MS | 0.06 ppm |
| Cadmium | ICP-MS | 0.02 ppm |
| Mercury | ICP-MS | <0.01 ppm |
| Total Aerobic Count | Biolumix | >100 cfu/g |
| Yeast & Mold | Biolumix | <100 cfu/g |
| E. Coli | Biolumix | <10 cfu/g |
| Coliform | Biolumix | <10 cfu/g |
| Salmonella | Biolumix | Absent |

Collin Thomas *CM*
Laboratory Manager

06/26/2020 *6/26/20*
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.

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