

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

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# CERTIFICATE OF ANALYSIS

## Inositol

(Cyclohexanehexol)

 Material Lot #:
 1712071
 Analysis Date:
 10/29/2020

 Country of Origin:
 China
 Retesting Date:
 10/29/2023

Analysis	Claim	Result
Inositol	%86⋜	100.9%
Test	Specification	Result
HNMR ID HPLC Assay	Conforms ≥98%	Conforms 100.9%
ICP-MS Arsenic Lead Cadmium Mercury	<pre>&lt;1.5 ppm &lt;0.5 ppm &lt;0.5 ppm &lt;0.5 ppm &lt;0.5 ppm</pre>	<0.001 ppm 0.005 ppm 0.010 ppm 0.018 ppm
Total Aerobic Count Yeast & Mold Coliform E.coli Salmonella	<1000 cfu/g <100 cfu/g <10 cfu/g Negative Negative	Conforms Conforms Conforms Conforms Conforms

Inositol should be stored at or below room temperature in a tightly sealed durable container. Inositol should be protected from excess heat, direct sunlight, excess humidity, and moisture. Inositol has a retesting period of 3 years from the date of analysis when properly stored.



# Certificate of Analysis

### Client:

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

# Sample Collected By: Client

Product Name	Inositol	Product Lot Number	1712071
Report Date	10/29/20	Laboratory Number	20101259

Results	100.9%	<1,000 cfu/g	<100 cfu/g	Absent	<10 cfu/g	Absent
Specification	NLT 98%	<1,000 cfu/g	<100 cfu/g	Absent	Absent <10 cfu/g	
Method	HPLC	Biolumix	Biolumix	Biolumix	Biolumix	Biolumix
Description	Assay	Total Aerobic Count	Yeast & Mold	E. Coli	Coliform	Salmonella

Collin Thomas CML Laboratory Manager

10/29/2020 johg/p 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



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Certificate of Analysis

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

Product Name	Inositol	Product Lot Number	1712071
Report Date	03/16/18	Laboratory #	9939

Test	Method	Result
Identification	Proton NMR	Conforms to structure
Assay	CA-069 (HPLC)	100.5%
Lead	ICP-MS USP <730>	0.005 ppm
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	0.010 ppm
Mercury	ICP-MS USP <730>	0.018 ppm

Collin Thomas CLL
Laboratory Manager

03/16/2018 3 16 18 Date

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7.81						Colmaric Analytical 400 MHz 03-13-18	1H NMR of Inosito in DMSO +DCI Lot # 9939
7.01 0	-					<u>a</u>	-
0.0	3						
9	1						
9.0							
<b>.</b>							
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3	n -		Processing parameters 32768 400,130071 MHz			E2 - Josephiston Parameters Date - 2018033 Time 12.40 TMUTRON Sum PALSO 28- PROFESS Sum PALSO 28- PULPROS Sum PALSO 28- PULPROS 32766	Carrent Data Farameters NAME Mari3-2018-colmaric marms 3 PROCESS 1
7	3		32768 32768 100071 MHz	11.38 usec 11.38 usec -2.50 dB 18.35869598 W 400,1320007 MHz	1600 1600 1600 1600 1600 1600 1600 1600	12.40 10.88- 12.40 12.40 12.40	B-colmaric

#### **Main Benefits**

- Myo-Inositol is a common molecule found in the glucose metabolic pathway and is responsible for regulating a wide range of bodily functions.
- Myo-Inositol supplements are effective in improving female vitality; helping to maintain healthy hormone and stress levels; and supporting healthy well-being.
- At higher doses, Myo-Inositol supplements have been found to be effective at producing a calm and relaxed mood.

#### **Main Cautions**

- One of the greatest benefits of Myo-Inositol supplements are their apparent lack of adverse effects, when taken at the recommended serving size.
- At higher doses, rare side effects may include nausia, stomach pain, tiredness, headache, or dizziness
- In one study, extremely large servings were used (30 grams) and the adverse effects experienced by most people were mild gastrointestinal upset.

### **Usage Tips**

- A 1.7cc measuring scoop is included. One level scoop contains approximately one serving, or approximately 1000 mg of Inositol. As a dietary supplement, take 1-3 servings 1-3 times per day. Start at the lower suggested quantity to assess response.
- It is safe to stack Inositol with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- Inositol 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 Inositol are dependent on the amount taken, so use of a scale with 10mg or 0.01g accuracy or better is highly reccomended.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder more tolerable.

### INOSITOL

