



# Certificate of Analysis

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

LiftMode

## Inositol

(Cyclohexanehexol)

Material Lot #: 20200807      Test Date: 07/06/2021  
Country of Origin: China      Re-Test Date: 07/05/2024

Analysis	Claim	Result
Inositol	≥99%	99.8%

Test	Specification	Result
<b>Heavy Metals</b>		
Lead	≤1 ppm	<0.005 ppm
Mercury	≤1 ppm	<0.005 ppm
Cadmium	≤1 ppm	<0.005 ppm
Arsenic	≤1 ppm	<0.010 ppm
<b>Total Aerobic Plate Count</b>		
Yeast	Yeast & Mold < 100 cfu/g	<10 cfu/g
Moulds	Yeast & Mold < 100 cfu/g	<10 cfu/g
Escherichia coli	Negative	Conforms
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Not Detected per 25 g



S & N LABS

2021 E. Fourth Street      Santa Ana, California 92705      (714) 543-2211

9 July 2021

Job Number:	25194a
PO Number:	verbal

Synaptent LLC  
47 West Polk Street #100-241  
Chicago, Illinois 60605

### REPORT OF ANALYSIS

One blue container labeled "Inositol 20200807" was received on 1 July 2021. The material was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was evaporative light scattering (ELSD). The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Inositol 20200807	99.8

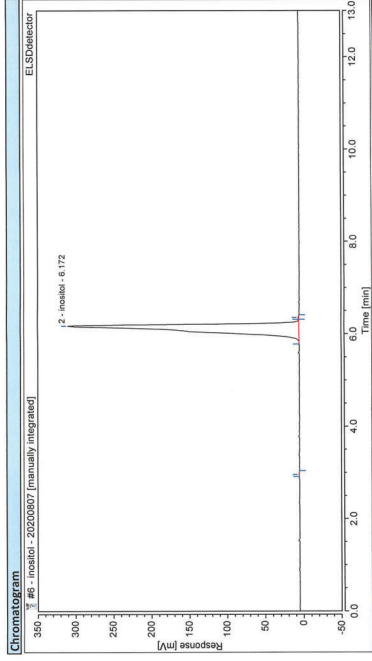
The chromatogram is enclosed for your reference.

Neil E. Spingam, Ph.D.  
President

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.

## Chromatogram and Results

Injection Details	
Injection Name:	Inositol - 20200807
Injection Volume:	10.00
Channel:	ELSDetector
Injection Type:	Unknown
Calibration Level:	Inositol purity by HILIC ELSD method
Processing Method:	Inositol purity by HILIC ELSD processing
Injection Date/Time:	08/Jul/21 16:18
Run Time (min):	15.00
Sample Weight:	1.0000



Integration Results						
No.	Peak Name	Retention Time min	Area m <sup>2</sup> /min	Height mV	Relative Area %	Relative Height Amount µg/ml
1	Inositol	6.172	45.397	304.63	99.78	0.26
2		6.348	0.050	1.159	0.13	0.99
Total:			45.487	306.751	100.00	100.00

Inositol purity by HILIC ELSD reintegration

Chromatogram (3) Download  
Version 7.2.10.23925

7/8/21 4:43 pm

Page 1 of 3

Eurofins Microbiology Laboratories (New Berlin)  
2345 S. 170th St, Wisconsin  
New Berlin, Wisconsin 53151  
+1 262 754 5300  
Micro-MKE@EurofinsUS.com

Synaptent

Client Code: OH0000902  
O#: Inositol 20200807 Beta Cyclohexim 1902  
Received On: 30Jun2021  
Reported On: 08Jul2021

## ANALYTICAL REPORT

Joseph Watkins  
1442 W. Fulton Street  
Chicago, IL 60607  
AR-21-OH-036253-01

Eurofins Sample Code:	477-2021-06300127	Sample Registration Date:	30Jun2021
Client Sample Code:	20200807	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	Inositol	Sample Reference:	20200807

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	AOAC 2011.19 and 993.14 (modified)	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		08Jul2021	1
Arsenic	<10.0 ppb					
Cadmium	<5.00 ppb					
Lead	<5.00 ppb					
Mercury	<5.00 ppb					

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference	AOAC 2011.19 and 993.14 (modified)	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Coliforms	< 10 cfu/g					

UM1B1 - Yeast - FDA BAM Chapter 18 mod.	Reference	AOAC-R1121501	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Yeast	Not Detected per 25 g					

UM1B1 - Yeast - FDA BAM Chapter 18 mod.	Reference	AOAC-R1121501	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Staphylococcus aureus	< 10 cfu/g					

UMDMTC - Salmonella spp. - AOAC-R1121501	Reference	AOAC-R1121501	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Salmonella	Not Detected per 25 g					

UWHM - Staphylococcus aureus - BAM Chapter 12	Reference	BAM Chapter 12	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		03Jul2021	
Staphylococcus aureus	< 10 cfu/g					

UWHM - Staphylococcus aureus - BAM Chapter 12	Reference	BAM Chapter 12	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		03Jul2021	
Staphylococcus aureus	< 10 cfu/g					

UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference	FDA BAM Chapter 18 mod.	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		05Jul2021	
Yeast	Not Detected per 25 g					

Synaptent

Joseph Watkins  
1442 W. Fulton Street  
Chicago, IL 60607Client Code: OH0000902  
O#: Inositol 20200807 Beta Cyclohexim 1902  
Received On: 30Jun2021  
Reported On: 08Jul2021

## ANALYTICAL REPORT

AR-21-OH-036253-01

Eurofins Sample Code:	477-2021-06300127	Sample Registration Date:	30Jun2021
Client Sample Code:	20200807	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	Inositol	Sample Reference:	20200807

UM1B1 - Yeast - FDA BAM Chapter 18 mod.	Reference	FDA BAM Chapter 18 mod.	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		05Jul2021	
Yeast	< 10 cfu/g					
Parameter	Result					
Moulds	< 10 cfu/g					

UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference	CMMEF Chapter 8.72	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		03Jul2021	
Aerobic Plate Count	< 10 cfu/g					

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference	CMMEF Chapter 9.933	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Coliforms	< 10 cfu/g					

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	AOAC 2011.19 and 993.14 (modified)	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 2918.01		08Jul2021	1
Arsenic	<10.0 ppb					
Cadmium	<5.00 ppb					
Lead	<5.00 ppb					
Mercury	<5.00 ppb					

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference	CMMEF Chapter 9.933	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Coliforms	< 10 cfu/g					

UM1B1 - Yeast - FDA BAM Chapter 18 mod.	Reference	AOAC-R1121501	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Yeast	Not Detected per 25 g					

UMDMTC - Salmonella spp. - AOAC-R1121501	Reference	AOAC-R1121501	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		02Jul2021	
Salmonella	Not Detected per 25 g					

UWHM - Staphylococcus aureus - BAM Chapter 12	Reference	BAM Chapter 12	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		03Jul2021	
Staphylococcus aureus	< 10 cfu/g					

UWHM - Staphylococcus aureus - BAM Chapter 12	Reference	BAM Chapter 12	Accreditation	ISO/IEC 17025:2017	Completed	Sub
Parameter	Result		AZLA 3329.07		03Jul2021	
Staphylococcus aureus	< 10 cfu/g					

Page 2 of 3

7/8/21 4:43 pm