



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

liftmode@liftmode.com
www.liftmode.com

CERTIFICATE OF ANALYSIS

Inositol

(Cyclohexanehexol)

Material Lot #: 1712071 Manufacture Date: 11/09/2017
Country of Origin: China Retesting Date: 03/15/2021

Analysis	Claim	Result
Inositol	≥99%	100%

Test	Specification	Result
Appearance	White Crystalline Powder	Complies
Melting Range	224.0°C-227.0°C	225.4-226.5°C
Loss on Drying	≤0.5%	0.01%
Residue on Ignition	≤0.1%	0.01%
Chloride	≤0.005%	Complies
Sulfate	≤0.006%	Complies
Lead	≤0.001%	Complies
Iron	≤0.0005%	Complies
Total Plate Count	≤1,000 CFU/g	Complies
Yeast & Mold	≤100 CFU/g	Complies
E. Coli	Negative	Complies
Salmonella	Negative	Complies
Staphylococcus	Negative	Complies

Conforms to Standard

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 stable shelf life of 4 years from the date of manufacture when properly stored.



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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 *Collin Thomas*
Laboratory Manager

03/16/2018 3/16/18
Date

1H NMR of Inositol
in DMSO +DCI
Lot # 9939
Colmaric Analytical
400 MHz
03-13-18

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Current Data Parameters
NAME      Msl13-2018-colmaric
EXPNO     3
PROCNO    1

F2 - Acquisition Parameters
Date_     20180313
Time      12.40
INSTRUM   spect
PROBHD    5 mm F400 BBO
PULPROG   zgpg30
TD         65536
SOLVENT   DMSO
NS         32
DS         4
SWH        3200.333 Hz
FIDRES     0.158946 Hz
AQ         3.1457281 sec
RG         114
CW         96.000 usec
DE         23.63 usec
TE         298.0 K
SI         1.10000000 sec
TD0

----- CHANNEL f1 -----
NUC1       1H
P1         11.78 usec
P21        -2.50 dB
PL1        19.12865590 MHz
SFO1       400.1326071 MHz

F2 - Processing parameters
SI         32768
SF         400.1306071 MHz
WDW        EM
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