

LIFTMODE

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

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CERTIFICATE OF ANALYSIS

Agmatine Sulfate

(1-Amino-4-guanidinobutane sulfate salt)

Material Lot #: C631702005
Country of Origin: China

Analysis Date: 09/29/2020
Retesting Date: 09/29/2023

Analysis	Claim	Result
Agmatine Sulfate	≥98%	98.4%

Test	Specification	Result
HPLC Assay	≥98%	98.4%
ICP-MS		
Arsenic	≤1.5 ppm	0.026 ppm
Lead	≤0.5 ppm	0.179 ppm
Cadmium	≤0.5 ppm	0.021 ppm
Mercury	≤0.5 ppm	0.001 ppm
Total Aerobic Count	<1000 cfu/g	Conforms
Yeast & Mold	<100 cfu/g	Conforms
Coliform	<10 cfu/g	Conforms
E.coli	Negative	Conforms
Salmonella	Negative	Conforms

Agmatine Sulfate should be stored at or below room temperature in a tightly sealed durable container.
Agmatine Sulfate should be protected from excess heat, direct sunlight, excess humidity, and moisture.
Agmatine Sulfate 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	Agmatine Sulfate	Product Lot Number	C631702005
Report Date	09/29/20	Laboratory Number	20091098

Description	Method	Specification Limit	Result
Assay	HPLC	NLT 98%	98.4%
Total Aerobic Count	Biolumix	<1,000 cfu/g	<1,000 cfu/g
Yeast & Mold	Biolumix	<100 cfu/g	<100 cfu/g
E. Coli	Biolumix	Absent	Absent
Coliform	Biolumix	<10 cfu/g	<10 cfu/g
Salmonella	Biolumix	Absent	Absent

Collin Thomas
Laboratory Manager

09/29/2020
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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Certificate of Analysis

Synaptent LLC
47 W. Polk ST, STE 100-241
Chicago, IL 60605

Product Name	Agmatine Sulfate	Product Lot #	C631702005
Report Date	12/01/2017	Laboratory #	9514

Description	Test Method	Results
Identification	¹ H-NMR	Conforms
Assay	HPLC	99.4%
Lead	ICP-MS USP<730>	0.179ppm
Arsenic	ICP-MS USP<730>	0.026ppm
Cadmium	ICP-MS USP<730>	0.021ppm
Mercury	ICP-MS USP<730>	0.001ppm
Total Plate Count	BioLumix	<100CFU/g
Yeast and Mold	BioLumix	<100CFU/g
Salmonella	BioLumix	Negative
Coliform	BioLumix	<10CFU/g
<i>E. coli</i>	BioLumix	Negative

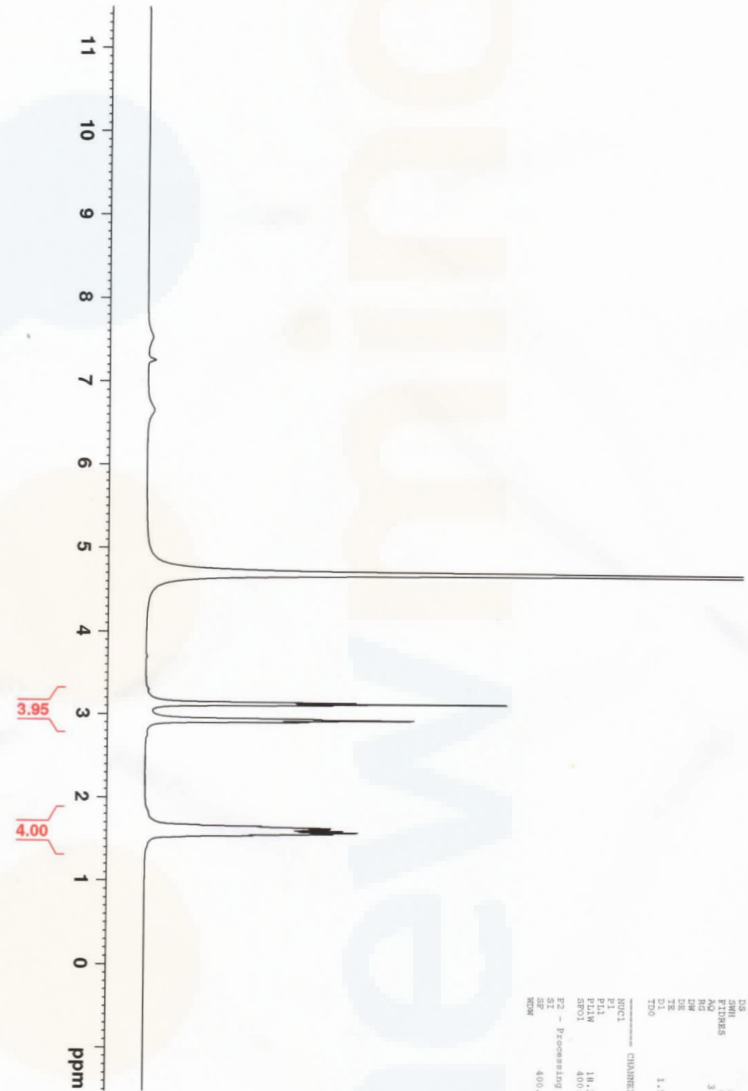
Peter Yoho PhD
QA Auditor

12/01/2017
Date

12/1/17

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¹H NMR of Agmatine Sulfate
in D₂O
Lot #9514
Colmaric Analytical
400 MHz
11-27-17



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Current: Data Parameters
NAME: Nov27-2017-031616
EXPNO: 4
PROCNO: 1
F2 - Acquisition Parameters
Time: 2017.11.18
Date_UTC: 2017.11.18
PROBHD: 5 mm PABBO
PULPROG: zgpg30
SOLVENT: D2O
NS: 32
DS: 2
SWH: 3200.000 Hz
AQ: 0.1250000 Hz
RG: 312.500 Hz
DE: 3.0000000 Hz
TE: 298.0 K
T1: 1.50000000 s
T1RHO: 1
===== CHANNEL f1 =====
NUC1: 1H
P1: 12.00000000 s
PL1: 0.00000000 dB
RG1: 312.50000000 Hz
FIDRES: 0.1250000000 MHz
SFO1: 400.142000000 MHz
P2 - Processing parameters
RG: 312.5000000000 MHz
SF: 400.1420000000 MHz
WDW: EM
SSB: 0
GB: 0
MC: 0
MS: 0
EN
  
```