



Certificate of Analysis

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

LiftMode

Agmatine Sulfate

 (1-Amino-4-guanidinobutane sulfate salt)

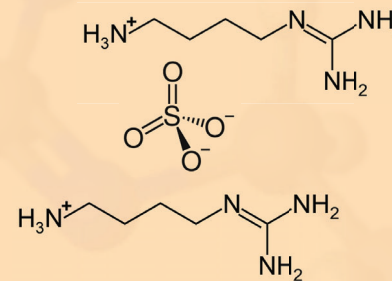
Material Lot #: 20210702 Test Date: 10/19/2021
Country of Origin: China Re-Test Date: 10/16/2024

| Analysis | Claim | Result |
|------------------|-------|--------|
| Agmatine Sulfate | ≥99% | 98.2% |

| Test | Specification | Result |
|----------------------------------|-----------------------|-----------------------|
| Agmatine Sulfate (HPLC) | ≥99% | 98.2% |
| Lead | ≤0.5ppm | 0.0614 ppm |
| Mercury | ≤0.5ppm | <0.00500 ppm |
| Cadmium | ≤0.5ppm | <0.00500 ppm |
| Arsenic | ≤0.5 ppm | 0.0189 ppm |
| Total Aerobic Plate Count | <1000 cfu/g | <10 cfu/g |
| Yeast | <100 cfu/g | <10 cfu/g |
| Molds | <100 cfu/g | <10 cfu/g |
| Escherichia coli | <10 cfu/g | <10 cfu/g |
| Coliforms | <10 cfu/g | <10 cfu/g |
| Salmonella | Negative | Not Detected per 25 g |
| Staphylococcus aureus | <10 cfu/g | <10 cfu/g |

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.
Agmatine Sulfate HPLC results are within acceptable +/-1% margin of error.

Agmatine Sulfate



Main Benefits

- Agmatine is a naturally occurring compound while Agmatine Sulfate can be used as a powerful and natural stress reducing supplement.
- Through a number of natural interactions with neurotransmission systems in the brain Agmatine has the potential to be used for an overall boost in mood.
- Agmatine is also known to have a positive influence on cognitive performance and overall brain health, while also supporting a healthy circulatory system.

Main Cautions

- Agmatine Sulfate is considered to be safe within the recommended serving sizes.
- Do not exceed the recommended serving size. One study with an extremely large dosage of 2670mg per day produced uncommon effects of nausea and diarrhea.
- Do not use this supplement without first consulting your doctor if you are taking any medication or have any underlying medical conditions.

Usage Tips

- A 1.0 cc measuring scoop is included. One level scoop contains approximately one serving, or approximately **600mg of Agmatine Sulfate**. As a dietary supplement, take 1-2 serving 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is highly recommended.
- Use of capsules, or mixing with yogurt, apple sauce, or oatmeal may help make the powder easier to tolerate.
- 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.
- It is safe to stack Agmatine Sulfate with other supplements, so long as the amount consumed does not exceed the suggested serving size of 600mg 1-2 times per day.
- The benefits of Agmatine Sulfate are most effective when they are supported by a healthy diet and plenty of exercise.



S & N LABS

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

21 October 2021

| | |
|-------------|--------|
| Job Number: | 25504a |
| PO Number: | verbal |

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

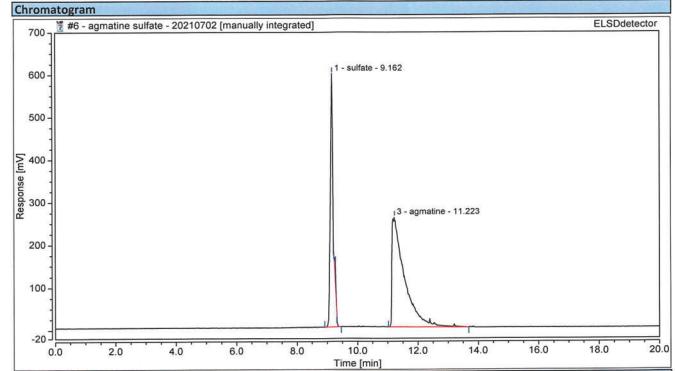
REPORT OF ANALYSIS

One small jar labeled "Agmatine Sulfate #20210702" was received on 18 October 2021. The contents of the jar were 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) |
|----------------------------|---------------------------------|
| Agmatine Sulfate #20210702 | 98.2 |

Neil E. Spingam, Ph.D.
President

| Chromatogram and Results | | | |
|--------------------------|--|-------------------|--------------|
| Injection Details | | | |
| Injection Name: | agmatine sulfate - 20210702 | Run Time (min): | 20.00 |
| Vial Number: | RA2 | Injection Volume: | 25.00 |
| Injection Type: | Unknown | Channel: | ELSDdetector |
| Calibration Level: | Unknown | Wavelength: | n.a. |
| Instrument Method: | agmatine sulfate purity by HILIC ELSD method | Bandwidth: | n.a. |
| Processing Method: | agmatine sulfate purity by HILIC ELSD processing | Dilution Factor: | 1.0000 |
| Injection Date/Time: | 19/Oct/21 12:47 | Sample Weight: | 1.0000 |



| Integration Results | | | | | | | |
|---------------------|-----------|--------------------|----------------|----------------|-----------------|-------------------|--------------|
| No. | Peak Name | Retention Time min | Area mV*min | Height mV | Relative Area % | Relative Height % | Amount µg/ml |
| 1 | sulfate | 9.162 | 62.336 | 595.334 | 33.21 | 64.83 | n.a. |
| 2 | | 9.267 | 3.272 | 69.464 | 1.74 | 7.43 | n.a. |
| 3 | agmatine | 11.223 | 122.059 | 257.308 | 65.04 | 27.93 | n.a. |
| Total: | | | 187.678 | 921.107 | 100.00 | 100.00 | |



Eurofins Microbiology Laboratories (New Berlin)

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

Synaptent

Joseph Watkins
1442 W. Fulton Street
Chicago, IL 60607

ANALYTICAL REPORT

AR-21-QH-057240-01

Client Code: QH0000902
PO#: 20210702

Received On: 15Oct2021
Reported On: 21Oct2021

| | | | | |
|--|--|---|---------------------|-------|
| Eurofins Sample Code: 477-2021-10150323 | Sample Registration Date: 15Oct2021 | | | |
| Client Sample Code: 20210702 | Condition Upon Receipt: acceptable, 21.3°C | | | |
| Sample Description: AGMATINE SULFATE | Sample Reference: | | | |
| FS001 - Heavy Metals (As, Cd, Hg, and Pb) | Reference AOAC 2011.19 and 993.14 (modified) | Accreditation ISO/IEC 17025:2017 A2LA 2918.01 | Completed 21Oct2021 | Sub 1 |

| Parameter | Result |
|-----------|-----------|
| Arsenic | 18.9 ppb |
| Cadmium | <5.00 ppb |
| Lead | 61.4 ppb |
| Mercury | <5.00 ppb |

| | | | |
|--|-------------------------------|---|---------------------|
| UM8VD - Total Coliforms - CMMEF Chapter 9.933 | Reference CMMEF Chapter 9.933 | Accreditation ISO/IEC 17025:2017 A2LA 3329.07 | Completed 16Oct2021 |
|--|-------------------------------|---|---------------------|

| Parameter | Result |
|----------------------------|-------------------|
| Coliforms | < 10 cfu/g |
| Parameter Escherichia coli | Result < 10 cfu/g |

| | | | |
|--|--------------------------|---|---------------------|
| UMDTC - Salmonella species - AOAC-RI 121501 | Reference AOAC-RI 121501 | Accreditation ISO/IEC 17025:2017 A2LA 3329.07 | Completed 16Oct2021 |
|--|--------------------------|---|---------------------|

| Parameter | Result |
|------------|-----------------------|
| Salmonella | Not Detected per 25 g |

| | | | |
|---|--------------------------|---|---------------------|
| UMHBM - Staphylococcus aureus - BAM Chapter 12 | Reference BAM Chapter 12 | Accreditation ISO/IEC 17025:2017 A2LA 3329.07 | Completed 17Oct2021 |
|---|--------------------------|---|---------------------|

| Parameter | Result |
|-----------------------|------------|
| Staphylococcus aureus | < 10 cfu/g |

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Received On: 15Oct2021
Reported On: 21Oct2021

| | | |
|--|--|---------------------|
| Eurofins Sample Code: 477-2021-10150323 | Sample Registration Date: 15Oct2021 | |
| Client Sample Code: 20210702 | Condition Upon Receipt: acceptable, 21.3°C | |
| Sample Description: AGMATINE SULFATE | Sample Reference: | |
| UMIB1 - Yeast - FDA BAM Chapter 18 mod. | Reference FDA BAM Chapter 18 mod. | Completed 20Oct2021 |

| Parameter | Result |
|------------------|-------------------|
| Yeast | < 10 cfu/g |
| Parameter Moulds | Result < 10 cfu/g |

| | | | |
|---|------------------------------|---|---------------------|
| UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72 | Reference CMMEF Chapter 8.72 | Accreditation ISO/IEC 17025:2017 A2LA 3329.07 | Completed 17Oct2021 |
|---|------------------------------|---|---------------------|

| Parameter | Result |
|---------------------|------------|
| Aerobic Plate Count | < 10 cfu/g |

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Anthony Bichler
Operations Supervisor



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