

LIFTMODE

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CERTIFICATE OF ANALYSIS

12 April 2021

Job Number:	24832a
PO Number:	verbal

Agmatine Sulfate

(1-Amino-4-guanidinobutane sulfate salt)

Material Lot #: 631710004 Testing Date: 04/09/2021
Country of Origin: China Retesting Date: 04/06/2024

Analysis	Claim	Result
Agmatine Sulfate	≥99.0%	99.1%

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification	Complies with standard retention time	Complies
Loss on Drying	≤0.5%	0.35%
Residue on Ignition	≤0.5%	0.27%
Heavy Metals	≤10 ppm	≤10 ppm
Lead	≤1.0 ppm	Not detected
Mercury	≤1.0 ppm	Not detected
Cadmium	≤1.0 ppm	Not detected
Arsenic	≤1.0 ppm	≤1 ppm
Individual Impurities	≤0.5%	0.16%
Total Impurities	≤1.0%	0.31%
Assay	≥98.0%	99.1%
Total Plate Count	≤1000 cfu/g	Complies
Yeast and mold	≤100 cfu/g	Complies
E.coli	Negative	Complies
Salmonella	Negative	Complies

REPORT OF ANALYSIS

One jar labeled "Agmatine Sulfate #631710004" was received on 5 March 2021. The powder in the bag was analyzed for specific component using high pressure liquid chromatography (HPLC). The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Agmatine Sulfate #631710004	99.8

Neil E. Spingam, Ph.D.
President

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 stable shelf life of 3 years from the date of testing when properly stored.

