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CERTIFICATE OF ANALYSIS

Agmatine Sulfate

(1-Amino-4-guanidinobutane sulfate salt)

Material Lot #: 631803002
Country of Origin: China

Manufacture Date: 09/14/2018
Expiration Date: 09/13/2021

Analysis	Claim	Result
Agmatine Sulfate	≥98.0%	98.6%

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification	Complies with standard retention time	Complies
Heavy Metals	≤10 ppm	≤10 ppm
Lead	≤1.0 ppm	0.159 ppm
Mercury	≤1.0 ppm	0.025 ppm
Cadmium	≤1.0 ppm	0.025 ppm
Arsenic	≤1.0 ppm	<0.001 ppm
Assay	≥98.0%	98.6%
Total Plate Count	≤1000 cfu/g	<1000 cfu/g
Yeast and mold	≤100 cfu/g	<100 cfu/g
E.coli	Negative	Complies
Salmonella	Negative	Complies

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 2 years from the date of manufacture when properly stored.



Colmaric Analyticals, LLC

812 Meadowlark Lane, Goodlettsville, TN 37072
Telephone: 615-239-8604

Certificate of Analysis

Synaptent LLC

Product Name	Agmatine Sulfate	Product Lot Number	631803002
Report Date	10/09/2018	Laboratory Number	10955

Description	Method	Result
Identification	¹ H NMR	Conforms
Assay	HPLC	99.0 %
Lead	ICP-MS	0.083 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.019 ppm
Mercury	ICP-MS	0.216 ppm
Total Aerobic Count	Biolumix	<100 CFU/g
Yeast and Mold	Biolumix	<100 CFU/g
E. Coli	Biolumix	Absent
Coliform	Biolumix	<10 CFU/g
Salmonella	Biolumix	Absent

Michael Robil

Michael Robil
QA Auditor

10/09/18
10/09/2018
Date

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