



Certificate of Analysis

Taurine JP

Catalog Number: TR1004
Lot Number: 0204603r1
CAS Number: 107-35-7
Synonym(s): 2-Aminoethanesulfonic acid
Molecular Formula: C₂H₇NO₃S
Molecular Weight: 125.15
Storage: 15°C – 30°C
Date of Manufacture: July 14, 2015
Retest Date: July 13, 2019 (new retest date)

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (Dry Basis)	≥98.50%	99.14%
Identification (IR)	To match standard	Conforms
Solution (5%, H ₂ O)	Clear and colorless	Conforms
pH	4.1 – 5.6	5.2
Moisture (LOD)	≤0.20%	0.13%
Related Substance	≤0.20%	<0.2%
Residue on Ignition	≤0.10%	0.07%
Chloride	≤0.011%	<0.005%
Sulfate	≤0.01%	<0.01%
Heavy Metals	≤10ppm	<10ppm
Arsenic	≤1.0ppm	<1.0ppm
Cadmium	≤1.0ppm	<1.0ppm
Iron	≤10.0ppm	<2.5ppm
Lead	≤1.0ppm	<1.0ppm
Mercury	≤1.0ppm	<1.0ppm
Total Plate Count	≤1,000cfu/g	<10cfu/g
Yeast & Mold	≤100cfu/g	<10cfu/g
Coliforms	≤100cfu/g	<100cfu/g
<i>E. Coli</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
<i>Staphylococcus Aureus</i>	Negative	Negative
Mesh Size	40 – 100mesh	~40-100mesh
Bulk Density	0.70 – 0.09 g/mL	0.75 g/mL
Tap Density	0.80 – 1.10 g/mL	0.90 g/mL
Lot meets specifications for JP15.		Conforms

Approved by:

Date: February 27, 2018

For research purposes only. Not for drug or clinical use in humans or human food additive use.



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