



Specification

Taurine JP

Catalog Number: TR1004
CAS Number: 107-35-7
Synonym(s): 2-Aminoethanesulfonic acid
Molecular Formula: C₂H₇NO₃S
Molecular Weight: 125.15
Storage: 15°C – 30°C
Retest Period: Four years from the date of manufacture

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

Approved:

John Grubb, PhD

Date: September 11, 2018



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