



QIANJIANG YONGAN PHARMACEUTICAL CO., LTD

No. 2 Guangze Avenue, Qianjiang Economy Development Zone, Qianjiang, Hubei, China, 433132

Tel: +86-27-87825966

Fax: +86-27-87339689

Website: www.chinataurine.com

SPECIFICATION

Taurine with 0.5% anti-caking agent

Product Code: A-001

Description
Taurine occurs as colorless or white crystals, or a white crystalline powder. It is soluble in water, and practically insoluble in ethanol (99.5%). The pH of a solution prepared by dissolving 1.0g of Taurine in 20mL of freshly boiled and cooled water is between 4.1 and 5.6.

General Information
CAS: 107-35-7
Molecular Weight: 125.15
Anti-Caking Agent: SiO ₂
EINECS No.: 203-483-8
Chemical Formula: C ₂ H ₇ NO ₃ S
Standard: JP18/USP-NF2025

Packing and Storage
Primary: LDPE bag
Net Weight: 25kg
Storage: store in well-closed containers.
Secondary: cardboard carton
Gross Weight: 26kg
Shelf life: 36 months from manufacturing date.

Physical and Chemical Properties				
Item	JP18 standard	USP-NF2025 standard	JP18 test method	USP-NF2025 test method
Identification	Positive	A.Positive B. Positive	IR (JP18 <2.25>)	IR (USP-NF2025<197K>) USP-NF2025 <621>
Clarity and color of solution	Clear and colorless	-----	JP18 Page 1780	-----
Chloride	Max 0.011%	Max 0.05%	JP18 <1.03>	USP-NF2025<221>
Sulfate	Max 0.010%	Max 0.03%	JP18 <1.14>	USP-NF2025 <221>
Ammonium	Max 0.02%	-----	JP18 <1.02>	-----
Heavy metals	NMT 10ppm	-----	JP18 <1.07>	-----
Iron	NMT 10ppm	NMT 30ppm	JP18 <1.10>	USP-NF2025<241>
PH	4.1-5.6	-----	JP18 Page 1780	-----
Related substances	Max 0.2%	-----	TLC(JP18< 2.03>)	-----
Related compounds	-----	Max 0.5%	-----	USP-NF2025 <621>
Loss on drying	NMT 0.20%	NMT 0.3%	JP18 <2.41>	USP-NF2025 <731>
Residue on ignition	NMT 0.1%	NMT 0.3%	JP18 <2.44>	USP-NF2025 <281>
Assay	99.0%~101.0%	98.0%~102.0%	Titrate(JP18<2.50>)	USP-NF2025 <621>

Microbiological		
Item	Standard	Test Method
Total plate count	NMT 1000cfu/g	CP2020 general rule1105/1106 or GB4789
Mold & Yeast	NMT 100cfu/g	
E. Coli	Negative/10g	
*Salmonella	Negative/25g	

Remarks: 1. *for items tested by 3rd party lab on an annual basis.

2.Product is added with 0.5% anticaking agent ,except the microbiological test, all other testing times are carried out before adding the anticaking agent.

