Jiangsu Khonor Chemicals Co.,Limited

TECHNICAL DATA SHEET (TDS)

Product Name	Taurine Without Anticaking Agent
Company	Jiangsu Khonor Chemicals Co.,Limited
CAS No.	107-35-7
Chemical Name	2-Aminoethanesulfonic acid
Molecular Formula	C2H7NO3S
Molecular Weight	125.15
Quality Standard	Complies with JP18 / USP-NF2026
Packing	25kg per carton

1. General Information

Item	Specification
Appearance	A white crystalline powder, odorless
Identification (IR / Retention Time)	Positive
Clarity and color of solution	Clear and colorless

2. Chemical Index

Test Item	JP18 Limit	USP Limit	Result
Chloride	≤0.011%	≤0.05%	<0.010%
Sulfate	≤0.010%	≤0.03%	<0.010%
Ammonium	≤0.02%	—	<0.015%
Heavy metals	≤10 ppm	—	<8 ppm
Iron	≤10 ppm	≤30 ppm	<10 ppm
pH	4.1 – 5.6	—	5.2
Related substances	≤0.2%	—	<0.2%
Related compounds	—	≤0.5%	<0.5%
Loss on drying	≤0.20% (105℃, 2h)	≤0.3% (105℃, 3h)	0.11%
Residue on ignition	≤0.1%	≤0.3%	0.08%
Assay (on dried basis)	99.0% – 101.0%	98.0% – 102.0%	99.4%

3. Microbiological Index

Test Item	JP18 Limit	USP Limit	Result
Total aerobic microbial count	NMT 1000 cfu/g	NMT 1000 cfu/g	<10 cfu/g
Mold & Yeast	NMT 100 cfu/g	NMT 100 cfu/g	<10 cfu/g
E. coli	Negative/10 g	Negative/10 g	Not found
Salmonella*	Negative/25 g	Negative/25 g	Not found

** Items marked are tested on an annual basis by 3rd party lab.*

4. Application

Suitable for dietary supplement, nutraceutical and pet nutrition formulation.

Important note: This product complies with JP18 / USP (pharmacopoeia grade), not FCC food standard.

5. Storage & Handling

Storage: Keep tightly sealed, store in a cool, dry and ventilated warehouse, avoid moisture and direct sunlight.

Shelf life: 3 years under proper storage.

Warning: Without anticaking agent, slight caking may occur during transportation and storage. This does not affect product quality and efficacy.

6. Disclaimer

All data above are typical values based on batch test results and are for reference only. The Certificate of Analysis (COA) shall prevail for each shipment.

