



黄冈市富驰制药有限责任公司

FUCHI PHARMACEUTICAL CO., LTD OF HUANGGANG CITY  
FUCHI TOWN, YANGXIN COUNTY, HUANGSHI CITY, HUBEI, CHINA

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## TECHNICAL DATA SHEET OF TAURINE

**Product Name:** Taurine      **Product Category:** food / feed additives

### 1. GENERAL DESCRIPTION OF THE PRODUCT

The product is an amino acid, Soluble in organic solvents such as ether, is a non-protein sulfur amino acids.

### 2. GENERAL PRODUCT SPECIFICATION

Taurine appearing white crystal or white crystal-line powder, colorless, and the assay is more than 98.5% in the total substance, food / feed grade (2-Aminoethanesulfonic Acid; 2-Aminoethylsulfonic Acid; 2-Sulfoethylamine).

### 3. TRANSPORT DOCUMENT

The transport document has to be provided with the following information:

--Product Name

--Batch Number

--Quantity

--Supplier

--Package

--Specification

--Manufacture Date

--Shipment Date

--Country of Origin

If any of the above-mentioned items is not part of the transport document, the warehouse is instructed to reject the material



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#### 4. LABELING DETAILS

The label should mention the following information:

--Product Name

--Manufacturing Date

--Expiry Date

--Net Weight

--Gross Weight

--Batch Number

--Manufacturer Name

--Manufacturer Address

--Country of Origin

#### 5. SPECIFICATION

Product Name: Taurine, white crystal or white crystal-line powder, odorless.

Chemical Name: 2-Aminoethanesulfonic Acid; 2-Aminoethylsulfonic Acid; 2-Sulfoethylamine

CAS NO.: 107-35-7



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A. PHYSICAL SPECIFICATION

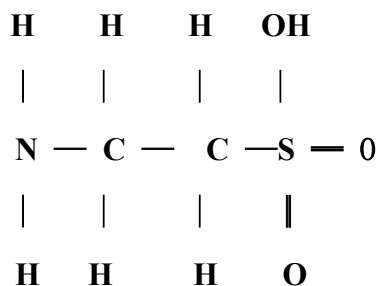
ITEMS	SPECIFICATION STANDARD	
	JP8	USP34
CHARACTERISTICS	WHITE CRYSTALS OR WHITE CRYSTALLINE POWDER,ODORLESS	WHITE CRYSTALS OR WHITE CRYSTALLINE POWDER,ODORLESS
IDENTIFICATION	POSITIVE REACTION	INFRARED ABSORPTION
CLARITY AND COLOR OF SOLUTION	CLEAR AND COLORLESS	CLEAR AND COLORLESS

B. CHEMICAL SPECIFICATION

Molecular Formula: C<sub>2</sub>H<sub>7</sub>NO<sub>3</sub>S

Molecular Weight: 125.25

Structural Formula: NH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-SO<sub>3</sub>H





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ITEMS	SPECIFICATION STANDARD	
	JP8	USP34
HEAVY METALS	20 PPM MAX	0.0015% MAX
CHLORIDE	0.011% MAX	0.05% MAX
SULPHATE	0.014% MAX	0.03% MAX
ARSENIC	2 PPM MAX	_____
AMMONIUM	0.02% MAX	_____
LOSS ON DRYING	0.20% MAX	0.3% MAX
IRON	_____	0.003% MAX
CHROMATOGRAPHIC PURITY	_____	0.5% MAX
READILY CARBONIZABLE SUBSTANCES	COLORLESS	NO COLOR DEVELOPS
RESIDUE ON IGNITION	0.10% MAX	0.3% MAX
TOTAL PLATE COUNT	NMT 1000CFU/G	<10CFU/G
YEASTS AND MOLDS	NMT 100CFU/G	<10CFU/G
E. COLI	NEGATIVE	CONFORMS
SALMONELLA	NEGATIVE	CONFORMS
ASSAY	98.5% MIN	98.5-101.5%



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6. TRANSPORT, DELIVERY CONDITIONS

Fuchi Pharmaceutical Co., Ltd of HuangGang City, is with integrated system to control the quality of transport, storage and delivery conditions, and there are special documents to stipulate our daily work to guarantee the production quality. All senders and storages must have essential certificates, or will be rejected or returned. All the materials have to be delivered dry, sanitary, without any contamination or damages also including correct labels.

The materials must be stored in cool, dry place, avoid light and storing with poisonous substance and contamination

7. OTHERS

Taurine has to be suitable for using in food / feed stuffs, premixes and has to conform to the relevant national laws, JP8, JP15, USP33 and CP standard, and other relevant foreign legislations valid at the time of delivery.