

SPECIFICATION

Product name	Taurine
Product code	SPNH01
Production site	Zhejiang NHU Pharmaceutical
Trade name	Taurine Food Grade (without anticaking agent)
Description	
Ingredients	Taurine
Synonym	2-Aminoethanesulfonic acid
Formula	C ₂ H ₇ NO ₃ S
CAS No	107-35-7
Properties	
Shelf life	36 months after production date in unopened original packaging
Appearance	Colourless or white crystals or white crystalline powder
Solubility	soluble in water, and practically insoluble in ethanol
Infrared identification	Conforms
Assay	99,0 % - 101,0 %
pH	4,1—5,6
Clarity and Colour of solution	A solution obtained by dissolving 1,0 g of Taurine in 20 ml of water is clear and colourless.
Chloride	≤ 0,011 %
Sulphate	≤ 0,010 %
Ammonium	≤ 0,02 %
Iron	≤ 10 mg/kg
Heavy metals	≤ 10 mg/kg
Related substances	the spot other than the principle spot obtained from sample solution is not more than one spot, and it is not more intense than the spot from the standard solution (JP18). Individual impurities ≤ 0,5 % (USP).
Loss on drying	≤ 0,20 %
Residue on ignition	≤ 0,10 %
Microbiology	
Total plate count	≤ 1000 CFU/g
Mold & Yeast	≤ 100 CFU/g
E. coli	negative in 10 g
Salmonella	negative in 25 g
Staph. aureus	negative in 10 g

Shelf life	36 months after production date in unopened original packaging
Handling	Usage for food and cosmetic industry
Storage	preserve in tight, light-resistant containers

The product complies to JP18 and USP2022.

NHU EUROPE GmbH