

SPECIFICATION

Product name Taurine
Product code SPNH02
Trade name Taurine AC Food Grade
Production site Zhejiang NHU Pharmaceutical

Description

Ingredients Taurine, 0,5 % Silicon dioxide as anticaking agent
Synonym 2-Aminoethanesulfonic acid
Formula C₂H₇NO₃S
Product code SPNH02
CAS No 107-35-7

Properties (of pure substance Taurine)

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 %
Sulfate ≤ 0,010 %
Ammonium ≤ 0,02 %
Heavy metals ≤ 10 mg/kg
Iron ≤ 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
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 uses Taurine which conforms to JP18 as raw material.

NHU EUROPE GmbH