



## Specification

| Concerning Product:                     |                                                                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article number                          | 107357TPJL                                                                                                                                             |
| Trade name / designation / denomination | Taurin JP ohne AC                                                                                                                                      |
| CAS number                              | 107-35-7                                                                                                                                               |
| Other names / synonyms                  | •2-Aminoethanesulfonic Acid; •2-Aminoethylsulfonic acid; •N~4~-(6-methoxyquinolin-8-yl)pentane-1,4-diamine; •Primaquine Bis-Phosphoric Acid; •Taurine; |
| EC number                               | 203-483-8                                                                                                                                              |
| Customs tariff number / CN code / TARIC | 29211999                                                                                                                                               |
| Molecular weight [g / mol]              | 125.14688                                                                                                                                              |
| Formula                                 | C <sub>2</sub> H <sub>7</sub> NO <sub>3</sub> S                                                                                                        |

| Parameter                    | Specification                              | Unit |
|------------------------------|--------------------------------------------|------|
| <b>Organoleptic test</b>     |                                            |      |
| Appearance of solution       | clear and colourless                       |      |
| Appearance                   | white crystals or white crystalline powder |      |
| <b>Physical parameter</b>    |                                            |      |
| Loss on drying               | @ 105°C, 2h: ≤ 0,2                         | %    |
| pH value                     | 4,1 – 5,6                                  |      |
| Solubility                   | in water: freely soluble                   |      |
| <b>Identity</b>              |                                            |      |
| Assay                        | 99 – 101                                   | %    |
| Identification               | (IR): IR Spectrum complies                 |      |
| <b>Impurities</b>            |                                            |      |
| Ammonium                     | ≤ 0,02                                     | %    |
| Residue on ignition          | ≤ 0,1                                      | %    |
| Heavy Metals (as Pb)         | ≤ 10                                       | ppm  |
| Sulphates (SO <sub>4</sub> ) | ≤ 0,01                                     | %    |
| Related substances           | complies                                   |      |

|                             |         |                 |
|-----------------------------|---------|-----------------|
| <b>Elemental Impurities</b> |         |                 |
| Chlorides (Cl)              | ≤ 0,011 | %               |
| Iron (Fe)                   | ≤ 10    | ppm             |
| <b>Microbiological data</b> |         |                 |
| Escherichia Coli.           | Neg.    | CFU/10; KBE/10g |
| Total Plate Count           | ≤ 1000  | CFU/g ,KBE/g    |
| Yeast and Mould             | ≤ 100   | CFU/g, KBE/g    |

### **Supplemental information:**

**Shelf life:** 2 years from date of production under recommended storage conditions

**Derivation:** synthetic

**Note:** Caking is possible due to the product properties.

**Storage conditions:** Keep in tightly closed original sealed packing in a cool, clean and dry place, away from direct sunlight and water.

**Complies with monographie:** JP; (EC) 1831/2003

**Packing:** 25-kg carton with PE inliner

**Regional origin:** CN

**Usage:** Functional group if used in feed: Category: Nutritional additives (Cat. 3a), Functional Group: Vitamines, pro-vitamines and chemically well-defined substances having similar effects, Code: 3a370

Restriction if used in feed: Recommended levels for maximum content in mg of taurine/kg of complete feedingstuff with a moisture content of 12 %: Felidae: 2500, Carnivorous fish: 25000, Canidae and Mustelidae: 2000/

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Jul. 2024

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