Taurine

$C_2H_7NO_3S$ · CAS 107-35-7 · 2-aminoethanesulfonic acid, crystalline

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM 2-aminoethanesulfonic acid, crystalline	FORMULA $C_2H_7NO_3S$	CAS 107-35-7	PRIMARY ASSAY 98.5–101.5% (HPLC or titration)
METHOD HPLC and titration	MINIMUM ORDER 1 kg	LEAD TIME 1–7 days	STANDARD PACK 1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Taurine specified at 98.5–101.5% on the dried basis, for capsules, sticks and sports powders where the assay basis and the impurity panel decide the grade.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Assay (dried basis)	98.5–101.5% (HPLC or titration)	As stated
Appearance	White crystalline powder	As stated
Identification	IR conforms	As stated
Loss on drying	≤0.3%	As stated
Residue on ignition	≤0.1%	As stated
Chloride	≤0.05%	As stated
Sulfate	≤0.03%	As stated
Iron	≤30 ppm	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Particle size	20–200 mesh	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Marker set	Taurine (98.5–101.5%, dried basis)	Identity
Solubility	Freely soluble in water; the 5% solution is acidic (pH 4.0–6.0).	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes
- Sports and energy powders

AVAILABLE FORMS

- Crystalline powder, 20–200 mesh
- Milled to 80 mesh on request
- Granulated on request

- Functional beverages

PACKING

- 1 kg foil pouch
- 25 kg fiber drum

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · nutrition.rainwoodbio.com