Supplied by LiquidShop
Item No.: TAURINE
Revision: 00 Date: 2026-10-08

Product Specification Sheet

1. Product Description

Product Name:	Taurine — Bulk Food Grade
Chemical / Common Name:	Taurine (2-aminoethanesulfonic acid)
Synonyms:	2-Aminoethanesulfonic acid
Ingredient Statement:	Taurine (contains 0.5 % anti-caking agent)
Molecular Formula / Weight:	C2H7NO3S / 125.15 g/mol
CAS No. / HS Code:	107-35-7 / 2921.19
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☐ USP / FCC
Country of Origin:	China
Description:	White crystalline powder.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Appearance	White crystalline powder	Visual
Identification	Positive	JP17
pH	4.1 – 5.6	JP17
Clarity & Colour of Solution	Clear and colourless	JP17
Chloride (%)	≤ 0.011	JP17
Sulphate (%)	≤ 0.010	JP17
Ammonium (%)	≤ 0.02	JP17
Iron (ppm)	≤ 10	JP17
Related Substances (%)	≤ 0.2	JP17
Loss on Drying (105 °C, 2 h) (%)	≤ 0.2	JP17
Residue on Ignition (%)	≤ 0.1	JP17
Assay (%)	99.0 – 101.0	JP17

3. Contaminants

Parameter	Specification	Method
Heavy Metals (ppm)	≤ 10	JP17
Arsenic (As) (ppm)	≤ 1	JP17

4. Microbiological Characteristics

Parameter	Specification	Method
Total Plate Count (CFU/g)	≤ 1,000	JP17
Mould / Yeast (CFU/g)	≤ 100	JP17
E. coli	Negative / 10 g	JP17
Salmonella	Negative / 10 g	JP17

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☒ No	☐ Yes ☐ No

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Tree nuts	☐ Yes ☒ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☒ No	☐ Yes ☐ No
Milk	☐ Yes ☒ No	☐ Yes ☐ No
Eggs	☐ Yes ☒ No	☐ Yes ☐ No
Fish	☐ Yes ☒ No	☐ Yes ☐ No
Crustaceans & molluscs	☐ Yes ☒ No	☐ Yes ☐ No
Soy	☐ Yes ☒ No	☐ Yes ☐ No
Wheat & triticale	☐ Yes ☒ No	☐ Yes ☐ No
Gluten (barley, oats, rye)	☐ Yes ☒ No	☐ Yes ☐ No
Mustard	☐ Yes ☒ No	☐ Yes ☐ No
Sulphites (≥ 10 ppm)	☐ Yes ☒ No	☐ Yes ☐ No

6. Regulatory Status

GMO Status:	☐ Non-GMO ☐ Contains GMO ☐ Not applicable
Irradiation:	☐ Not irradiated ☐ Irradiated
Certifications:	☐ Kosher ☐ Halal ☐ Organic ☐ Vegan ☐ Other: _____
BSE / TSE Statement:	Synthetic product, not of animal origin. Free from BSE/TSE risk.
Standard of Quality:	Complies with the Japanese Pharmacopoeia (JP17).

7. Packaging, Storage & Shelf Life

Uses:	Functional ingredient for beverages, foods and supplements.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Store in a cool, shaded and dry place. Keep container closed.
Shelf Life:	3 years.
Lot Code Format:	YYYYMMDDNN (repack date + sequence), traceable to the manufacturer lot.

8. Quality Assurance Review

Reviewed By (QA): LiquidShop Quality Assurance **Review Date:** 2026-10-08

This document was prepared electronically and reviewed by LiquidShop Quality Assurance. It is valid without a signature.

The information contained in this document is accurate to the best of our knowledge. It is the responsibility of the user to ensure the product is suitable for its intended application and complies with applicable regulations.