

Technical Data Sheet

Version: 1.0 EN

Taurine powder

Article number: D10554

General Information

Origin	Taurine occurs naturally in the bodies of humans and animals and is also found in animal-based foods such as meat and fish. Today, taurine for products is mostly produced industrially, predominantly synthetically, in order to ensure consistent quality and purity.
CAS Number	107-35-7
EC Number	203-483-8
Appearance	White, crystalline powder
Packaging	25 kg bags and small containers
Shelf life	36 months
Applications	Application in food and cosmetic
Allergens	None of the 14 main allergens added or contained
Compliance	Regulation (EU) No 1169/2011, JP17, USP36

Specification Values

Parameter	Value
Content	98.5–101.5%
Loss on drying	< 0.3%
pH value	4.1–5.6
Colour of solution	Clear and colourless
Heavy metals	< 15 mg/kg
Chloride	< 0.05%
Sulphate	< 0.03%
Iron	< 30 mg/kg
Ammonium	< 0.02%
Related substances	Must comply with requirements
Ignition residue	< 0.3%
Chromatographic purity	< 0.5%

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Lead	< 0.5 mg/kg
Total bacterial count	< 1000 CFU/g
Yeasts and moulds	< 100 CFU/g
Salmonella	Negative in 25g
E. coli	Negative in 10g
Staphylococcus aureus	Negative in 10g
Enterobacteriaceae	Negative in 1g

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	0
Energy (kcal)	0
Fat (g)	0
- Of which saturated fats (g)	0
Carbonhydrates (g)	0
- Of which sugars (g)	0
Fibre (g)	0
Protein (g)	0
Salt (g)	0

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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