

Technical Data Sheet

Version: 1.0 EN

Taurine powder

Article number: D10554

General Information

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|--------------|---|
| 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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