

Technical Data Sheet

Version: 1.0 EN

Sodium saccharin, saccharin sodium

20–40 mesh – E954ii

Article number: D10553

General Information

Origin	Sodium saccharin (E 954ii) is an intense sweetener. It is produced almost exclusively industrially for use in food and beverages. Production is synthetic to ensure consistent quality, defined sweetness and high purity.
CAS Number	6155-57-3
EC Number	204-886-1
Appearance	White, crystalline powder
Packaging	25 kg bags and small containers
Shelf life	5 years
Applications	Application in food and cosmetic, industrial application
Allergens	None of the 14 main allergens added or contained Sulphur dioxide <10mg/kg: Not detectable in the product (external test result, LOQ 10 ppm). Although SO ₂ is used as a raw material in the manufacturing process, according to the manufacturer it is completely converted and not present in the final product.
Compliance	Regulation (EU) No 1169/2011, Regulations (EC) No 1829/2003 and 1830/2003, E954, EP11.0

Specification Values

Parameter	Value
Content	98.0–101.0%
Loss on drying	< 15% (120°C, 4 h)
Solubility	Freely soluble in water, slightly soluble in ethanol (96%)
Melting point	226–230°C

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Colour of solution	Clear and colourless
Infrared absorption	Passed
Fluorescent substances	Passed
Benzoic & salicylic acid	Passed
Potassium pyroantimonate test	Dense precipitate forms
Non-luminous flame test	Yellow flame colour
Acidity / alkalinity	Passed
Water content	≤ 15 %
Limit value for benzoate and salicylate	Passed
Easily carbonisable substances	Passed
Arsenic	≤ 3 mg/kg
Selenium	≤ 30 mg/kg
Lead	≤ 1 mg/kg
o-Toluene sulphonamide	≤ 10 mg/kg
p-Toluene sulphonamide	≤ 10 mg/kg
Solvent residues	Complies with USP/EP/BP
Benzoic acid p-sulphonamide	≤ 25 mg/kg

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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