

Technical Data Sheet

Version: 1.0 EN

Acesulfam K – E950

Article number: D10316

General Information

Origin	Acesulfame K is a heat- and acid-resistant sweetener that is about 200 times sweeter than sugar. It is a calorie-free, water-soluble, crystalline powder that is often used in drinks, baked goods and dairy products. Due to its intense sweet flavour, it is often combined with other sweeteners.
CAS Number	55589-62-3
EC Number	259-715-3
INCI	POTASSIUM ACESULFAME
Molecular Formula	C ₄ H ₄ KNO ₄ S
Appearance	White, crystalline powder
Packaging	25 kg cartons and small containers
Shelf life	36 months
Applications	Application in food
Allergens	None of the 14 main allergens added or contained
Compliance	FCC10; EP9; USP39-NF34; Regulation (EU) Nr. 1169/2011

Specification Values

Parameter	Value
Content	99,0 – 101,0 %
Solubility	Free soluble in water; slightly in ethanol
pH value	5,5 – 7,5
Loss on drying	≤ 1,0 %
Organic impurities	≤ 20 mg/kg
Fluoride	≤ 3 mg/kg
Heavy metals	≤ 5 mg/kg
Arsenic	≤ 1 mg/kg
Lead	≤ 1 mg/kg
Selenium	≤ 30 mg/kg

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Mercury	≤ 0,1 mg/kg
Yeasts	≤ 10 KbE/g
Moulds	≤ 10 KbE/g

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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