

Technical Data Sheet

Version: 1.0 EN

Sodium ascorbate, E 301

Article number: D10382

General Information

Origin	Sodium ascorbate is the sodium salt of ascorbic acid.
CAS Number	134-03-2
EC Number	232-536-0
INCI	SODIUM ASCORBATE
Molecular Formula	C ₆ H ₇ NaO ₆
Appearance	White to light yellow powder
Packaging	25 kg cartons and small containers
Shelf life	24 months
Applications	Use in food
Allergens	None of the 14 main allergens added or contained
Compliance	E 301, Regulation (EC) 1829/2003, vegetarian, vegan

Specification Values

Parameter	Value
Content	99,0 – 101,0 %
Loss on drying	≤ 0,25 %
pH value	7,0 – 8,0
Unspecified impurities	≤ 0,1 %
Heavy metals	≤ 0,2 mg/kg
Copper	≤ 5 mg/kg
Iron	≤ 2 mg/kg
Nickel	≤ 1 mg/kg
Mercury	≤ 1 mg/kg
Lead	≤ 2 mg/kg
Arsenic	≤ 3 mg/kg
Total bacterial count	≤ 1000 KbE/g
Yeasts and moulds	≤ 100 KbE/g
E. coli	Negative

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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
Sodium (g)	11,5 – 11,7

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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