

Technical Data Sheet

Version: 1.0 EN

Beeswax Food Grade E 901

Article number: D10285

General Information

Origin	Beeswax is a metabolic product secreted by worker bees and used to build honeycombs. After the honey has been extracted, the wax is obtained by melting down the honeycombs and then roughly cleaned.
CAS Number	8012-89-3
EC Number	232-383-7
Appearance	White pastilles
Packaging	20 kg bags and small containers
Shelf life	36 months
Applications	Use in food products, industrial application and personal care products0
Allergens	None of the 14 major allergens are added or present
Compliance	Food Chemical Codex, Regulation (EC) No. 231/2012, FDA CFR 21 § 184.1973 (GRAS)

Specification Values

Parameter	Value
Melting point	62,0 – 65,0 °C
Penetration	ca. 22 dmm
Acid value	17 – 24 mg KOH/g
Saponification value	87 – 104 mg KOH/g
Ester value	70 – 80 mg KOH/G
Saponification cloud test	max. 65°C
Peroxide value	<5 meq/kg
Glycerol test	Passed (max. 0,5 %)
Fats, Japan wax	Passed
Arsenic	max. 3 mg/kg
Lead	max. 2 mg/kg
Mercury	max. 1 mg/kg

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Nutritional values

	Average Values (per 100g / 100ml)
Energy (kJ)	0
Energy (kcal)	0
Fat (g)	0
- of which saturated fatty acids (g)	0
Carbohydrates (g)	0
- of which sugars (g)	0
Dietary fiber (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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