



Product: **YELLOW BEESWAX**

Yellow beeswax is the wax obtained by meeting the walls of the honeycomb made by the honey-bee, *Apis mellifera L.*, with hot water and removing foreign matter.

**CAS No.** : 8012-89-3  
**EINECS No.** : 232-383-7  
**INCI-Name** : Cera Alba

**Characteristics** : Yellow or light brown pieces or plates with a fine-grained, matt and non-crystalline fracture; becomes soft and malleable when warmed in the hand. It has a faint odour, characteristic of honey. It is tasteless and does not stick to the teeth. Practically insoluble in water, completely soluble in fatty and essential oils; partially soluble in hot alcohol (90% V/V) and in ether.

No.	Physical and chemical characteristics	Method	Unit	Value
<b>1.</b>	<b>Physical characteristics</b>			
1.1.	Drop point	Ph. Eur. (2.2.17)	°C	61,0 – 66,0
1.2.	Density at 20 °C	Ph. Eur. (2.2.6)		ca. 0,960
<b>2.</b>	<b>Chemical characteristics</b>			
2.1.	Ester value	Ph. Eur. (2.5.2)	mg KOH/g	70,0 – 80,0
2.2.	Acid value	Ph. Eur. 6.0	mg KOH/g	17,0 – 22,0
2.3.	Saponification value	Ph. Eur. 6.0	mgKOH/g	87,0 – 102,0
2.4.	Ceresin, paraffins and certain other waxes	Ph. Eur. 6.0		complies with
2.5.	Glycerol and other polyols	Ph. Eur. 6.0	% (m/m)	max. 0,5

**Storage:** Protect from light and heat.