

Product - Specification

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Product / Trading-Name: **Beeswax yellow Ph. Eur. 11.0**

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

The product is suitable for pharmaceutical and cosmetic applications.

Product No.: 502023

CAS No.: 8012-89-3

EINECS No.: 232-383-7

INCI Name: Cera Alba

Properties: Yellow or light brown pieces or plates with a fine-grained, matt and non-crystalline fracture; when warmed in the hand they become soft and malleable. It has a faint odour, characteristic of honey. It is tasteless and does not stick to the teeth.

Practically insoluble in water, partially soluble in hot ethanol (90 % V/V) and completely soluble in fatty and essential oils.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
drop point	Ph. Eur.	°C	61 - 66
acid value	Ph. Eur.	mg KOH/g	17,0 - 22,0
ester value	Ph. Eur. [2.5.2]	mg KOH/g	70 - 80
saponification value	Ph. Eur.	mg KOH/g	87 - 102
ceresin, paraffin and other waxes	Ph. Eur.		complies with
glycerol and other polyols	Ph. Eur.		complies with

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CHMP/ICH/82260/2006 (residual solvents)

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