

# Beeswax for candles

Quality tested with  
certificate of analysis



As a subsidiary of the beekeeping equipment supplier Swienty A/S we have access to an extensive network in the beekeeping industry. We know where reliable and trustworthy beekeepers can be found and where good beeswax is produced because we also trade with honey – if the honey is good then the beeswax usually is too.

Nevertheless, we carry out a rigid quality control and routinely test our beeswax for:

- Total hydrocarbons
- Adulterations via gaschromatography (GC)
- Pesticides (beeswax for beekeeping or cosmetic purposes)

Because of their long experience, we use Ceralyse for the gaschromatography. When testing for pesticides, we work with Intertek.

Swienty Commodities ApS

Hørtoftvej 16 | Ragebøl | 6400 Sønderborg | Dänemark

Tel. +45 (0) 7448 6969

[www.swientycommodities.com](http://www.swientycommodities.com)

# Preliminary analysis and shipping

There are many different forms, quality grades and prices for beeswax. From pesticide-free beekeeper's wax from Australia or Africa to "industrial beeswax" from Asia with 30-40% hydrocarbons.

The latter is really a blend of waxes and can barely be called beeswax, but is often-times still sold as pure beeswax anyway. We always try to get as close as possible to the natural hydrocarbon levels (*Apis mellifera mellifera*) of 14,5%, also with beeswax that we sell for candles.

We don't want to sell the cheapest beeswax for candles, we want to sell good quality beeswax from real beekeepers at a competitive price level.

To guarantee the high quality of our wax, every batch is analyzed thoroughly and every customer is provided with the corresponding certificate of analysis with every delivery.

## RAL criteria | PRETEST

Dripping point:

61-65 C | 64,2

Acid number:

17-24 | 18,84

Saponification number:

87-104 | 92,26

Ester number:

70-80 | 73,42

Total hydrocarbons:

max. 18% | 15,7%

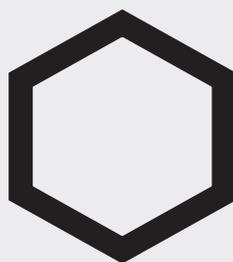
## FURTHER PRE-TEST VALUES:

Impurities: 0,03%

Density: 0,96 g/cm

Refractive index: 1,4421

Iodine number: 11,47



## Shipping

Ind.pallette: 1000kg

Euro-pallette: 500kg

Quarter-pallette: 100kg

Block: 16kg



Aerobic bacterial  
count:  
< 100

Coliform bacteria:  
< 0.3

Mucedline:  
< 10