

## Candelilla



Candelilla is a vegetable wax found in great quantities in Mexico's North Central Plateau and Southeastern Texas. Candelilla is extracted from the shrub, Euphorbia Cerifera, by boiling and skimming off the resultant layer of wax. The raw material comes to Koster Keunen in lump form and is then twice bleached and filtered to a light yellow color. Koster Keunen has been supplying the industry with American Double Refined Candelilla for almost two centuries. We offer a variety of grades to fit your application. Contact our lab to find out which one is right for your product. Candelilla is regulated under the CITES Treaty. All Candelilla imported by Koster Keunen is done so with a CITES Permit. These permits are on file and a re-export certificate can be issued upon request.

### Applications:

**Sunscreens, Lipsticks, Lip Gloss**, Gums and Candy Coatings, Pharmaceuticals, **Emulsions**, Leather Dressings, Polishes, Varnishes, Sealing Waxes, Insulating Compositions, Rubber Waterproofing, Soft Wax Stiffeners, Lubricants, and Adhesives.

### Advantages:

Candelilla produces excellent gloss and structure, and is ideal for finished products where firm consistency and high melt point are important. Candelilla also has water repellent and film forming properties.

### Regulatory:

INCI Name: Euphorbia Cerifera (Candelilla) Wax

CAS#: 8006-44-8

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Color
102	Double Refined Candelilla	68.5 - 72°C	12 - 22	45 - 65	Yellow
204	Candelilla 204	68.5 - 72.5°C	11 - 22	44 - 66	Yellow
419	NF Candelilla Wax	68.5 - 72.5°C	12 - 22	43 - 65	Light Yellow to Yellow
152	Acid Free Candelilla	62 - 72°C	≤ 2.0	45 - 60	Light Yellow Brown
148	Synthetic Candelilla	72.5 - 82.5°C	14 - 25	44 - 66	Light Yellow
<b>COMPOSITION:</b>					
Hydrocarbons		Monoesters	Alcohols, Sterols, Resins		Fatty Acids
50 - 65%		27 - 35%	10 - 15%		7 - 10%

Specific waxes that are most appropriate for this category have been highlighted here