

Yellow wood extract

Botanical name	Morus tinctoria, Maclura tinctoria
Origin	Middle and South America, West India
Colour	Natural dyeing material - yellow to black colours

Specification

pH (solution at 10%)	6.3 +/- 1.0
Colour index	75 660

Description

Yellow wood extract is coming from the yellow trunk of the Morus tinctoria tree, which can grow up to a height of 60 meters. Other names beside Yellow Wood are 'Old Fustic' and 'Dyers Mulberry'. It belongs to the group of flavonol plants. It grows in Middle- and South America, West-India and also in South-Europe, where it does not grow so enormously high. The dyeing ingredients are Morin and Maclurin, (-> Maclurin is chemically constituted of pentahydroxibenzophenone) which can partly be found in free form and as calcium-salt. The extract is of reddish-yellow colour and becomes orange-yellow by dilution. Materials dyed with yellow wood extract are light sensitive, but they are also very resistant against soap and other alkaline substances.

Application

Yellow wood extract is suitable for the following applications:

- dyeing of chrome tanned, semi chrome + vegetable leather to produce a light fast, wet-rub fast, orange to brown colour
- rapid dyeing through of brown leathers before surface dyeing with anionic dyes
- rapid dyeing through of yellow / brown leathers before surface dyeing with anionic dyes
- rapid dyeing through of yellow / brown leathers before surface dyeing with basic dyes
- rapid, fast dyeing of leathers to be glazed

For other extracts we recommend not to solely use yellow wood extracts. Generally it is employed as shading agent for natural and synthetic dyes bringing yellow / green yellow colouring principles to the main dye. In this way we can obtain a colouring series from Havana-brown to olive and black.

Most suitable for textiles, wool, leather (box calf + suede) wood and paper dyeing, furthermore food as well as the cosmetics industry.

Products

Liquid extracts (light yellow to reddish yellow), solid extracts in form of granulate (light brown to olive colour) and spray-dried powder (orange colour).