



GRACILIARIA CORNEA

Red seaweeds (Rhodophyta)

The genus Gracilaria is widely spread into tropical and temperate regions and is one of the largest genera in the Gracilariaceae family. The genus Gracilaria contains some of the most important agar producer species.

Composition

Photosynthetic pigments

Proteins

Carbohydrates

Polysaccharides

Uses

FOOD



Agar source¹

BIOMEDICINE



Anti-inflammatory and
Anti-nociceptive activity²

TEXTILE



Pigments



¹Orduña-Rojas, J. Studies on the Tropical Agarophyte *Gracilaria cornea* J. Agardh (Rhodophyta, Gracilariales) from Yucatán, Mexico. *Botanica Marina* (2002), Vol. 45pp. 453-458.

²Coura, CO. Mechanisms involved in the anti-inflammatory action of a polysulfated fraction from *Gracilaria cornea* in rats. *PLoS One* (2015).



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