



ARTHROSPIRA PLATENSIS

Spirulina (Cyanobacteria)

The genus *Arthrospira* inhabits tropical and subtropical bodies of water with high pH (8-11) as well as high levels of carbonate and bicarbonate. It is a free-floating microalgae that tends to aggregate and form mats along the periphery of the aqueous environment.

Composition

Phycobiliproteins
(phycoerythrin pigments)

Proteins

Minerals

Fatty acids

Uses

FOOD



High content in proteins (food and dietary supplement)¹

BIOMEDICINE



Profound antioxidant potential²

TEXTILE



Pigments



¹Pelizer, L.H., et al. Influence of inoculum age and concentration in *Spirulina platensis* is cultivation. *Journal of food engineering* (2003), Vol.56, pp. 371-375

²Ali S. K., Saleh A. M. *Spirulina-an overview*. *International Journal of Pharmacy and Pharmaceutical Sciences* (2012), Vol. 4, Issue 3, ISSN: 0975-1491

