

Passiflora: Extraction and characterization of valuable compounds

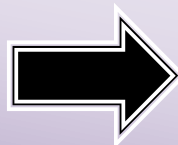
G. Santzouk^{1*}, S. Santzouk¹, I. Gerodimou¹, M. Papadaki², C. Pastore³

¹Santzouk Samir and Co. General Partnership, PANAX, Chrissostomou Smirnis 14, Agios Konstantinos, Aetoloacarnania, GR30100, Greece

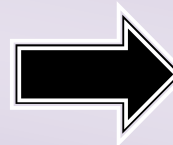
²Department of Environmental Engineering,, Seferi 2, Agrinio, GR30100, University of Patras, Greece

³ Consiglio Nazionale delle Ricerche (CNR), Istituto di Ricerca sulle Acque (IRSA) Viale de Blasio 5, 70132, Bari, Italy

Introduction



Benzoflavone
Harmala
alkaloids
Organic acids



Treatment of insomnia,
hysteria, epilepsy, anxiety
and melancholy
Analgesic and aphrodisiac
properties
Anti-asmatic action
Muscle relaxant

Materials and methods

Passiflora caerulea was obtained from Greece. The exploitable parts are the leaves, branches, flowers and fruits. These are separated while the plant is fresh and they are subsequently dried. A liquid extract is obtained from the fresh plant and a powder from the dried. The method of treatment is extraction-maceration and extraction-parcolation.



Our products

From the powder and the liquid extract a variety of products are produced. Drops and Elixirs are made from the Extract and Capsules and Tablets from the Powder. These products have powerful sedative properties as they affect the nervous system and treat anxiety, melancholy, and tension. They also have analgesic properties.



<http://panax-med.gr>
<http://inronbio.sdu.dk>

Acknowledgement: This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 778168