

Summary

Quick description:	Process for extracting and purifying proanthocyanidins extracted from the bark of Canadian pine trees.
Posted by:	Agriculture and Agri-Food Canada
Published:	22 March 2007
Primary sector:	Health and Life Sciences
Seeking / Offering:	Information or Consulting, Collaboration or Partnership, Non-Exclusive Licensing, Exclusive Licensing
Areas of interest:	agriculture, antioxidant, bioflavonoid, biomaterials, drug therapy, food, food science, health, human health, life sciences, medical, medical...

Description

Process and Product

Solvent-free process allowing for the isolation of oligomers. Proanthocyanidins are bioflavonoids with antioxidant properties. The resulting product is over 99% water-soluble; has a standard strength of 400 Porter Value Units (PVU); and contains less than 1% monomers.

Potential Applications

Market

Markets for natural antioxidants are growing and an increasing number of studies corroborate the beneficial effects of pine bark extracts rich in antioxidant flavonoids (e.g. Pycnogenol). These substances protect vitamins and other substances sensitive to oxygen.

Limitations

This posting does not represent an endorsement or guarantee by Agriculture and Agri-Food Canada (AAFC) of any products, processes or practices of the firm holding the exclusive license for this technology.

Third Party Rights

The intellectual property rights belong to the Canadian company Atsenti Inc. and to Her Majesty The Queen In Right Of Canada as managed by the Minister of Agriculture and Agri-Food Canada. AAFC has developed expertise in the extraction, characterization and purification of plant extracts. An exclusive operating license has been granted to Atsenti Inc.

Additional Information

Business Opportunity Available





The company Atsenti Inc. (<http://www.atsenti.com/>) owning the operating license is seeking strategic alliances (sub-licensing and/or distribution) to develop the Asian, European and American markets.

Industry Contact:

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Learn More

I want to learn more about this research project.

General Enquiries

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Researcher

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