

A method of producing Scopolamine rich extract

Industries for this invention

- Active Pharmaceutical Ingredient (API) companies

Innovation Status

TRL 6
Pilot scale and method validation

Intellectual Property

Patent

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Invention

A method of extracting scopolamine rich extracts from local indigenous plant material. Scopolamine is a pharmaceutical ingredient used in treatment of nausea, motion sickness, vomiting and ophthalmic procedures.

Problem Solved

Active Pharmaceutical Ingredient (API) companies source Scopolamine rich extracts from countries such as Brazil, Chile, Columbia, China and India. Importing these extracts affects costs, reliability of supply and quality. By using local material and setting up local production facilities, costs can be reduced, quality can increase and sustainability can be secured.

Application

The technology will be used in the chemical field to manufacture pre-API scopolamine rich extract for application in pharmaceutical field.

Advantages/Value proposition

- Provides a cost competitive advantage in the commercial extraction of scopolamine from natural resources
- Supports the market need for a consistent supply of scopolamine
- Localisation of an industry

