

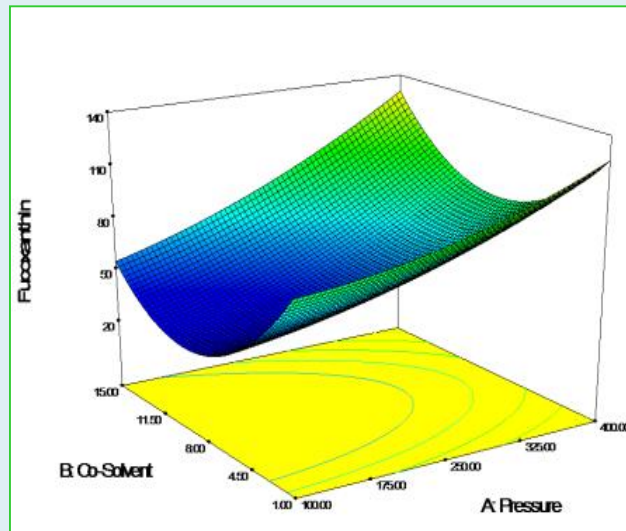
ICAR- CIFTEQ[®] Green Chemistry Protocol for Extraction of Fucoidan and Fucoxanthin from Brown Seaweed

Salient features

- Scalable protocols developed for extraction of valuable seaweed nutraceuticals such as fucoidan and fucoxanthin
- Protocols based on novel green chemistry principle and bio-refinery approach
- Do not require any organic solvents and acids used in traditional methods

Advantages

- ✓ Higher yield of fucoxanthin as compared to conventional methods
- ✓ Biorefinery approach to better utilize seaweed biomass
- ✓ Better conservation of sulfation in fucoidan leading to better bioactivity



Process Technology developed by

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ICAR-CIFT

More information

Status of commercialization / Patent / Publication

Yet to be commercialized, technology demonstration in progress with Nature Pure Supercritical Extracts Pvt. Ltd.