



## Innovation Award | Marinova Pty Ltd Cambridge, Tasmania



Seaweed has long been used for medicinal purposes, but more recently emerging are the benefits of fucoidans, the bioactive compound found naturally in select brown seaweeds.

Leading the way is Australian biotechnology company Marinova Pty Ltd – the global leader in fucoidan science and recipient of the Innovation Award at the 2022 Australian Organic Industry Awards, hosted by peak industry body Australian Organic Limited (AOL).

The Marinova story began in 2003 when an invasive seaweed was introduced into Tasmanian waters, with the business built around the vision of harvesting a marine pest and transforming it into a high value-added product.

Marinova’s bioactive fucoidan extracts are now included in dozens of dietary supplements, particularly targeting immune support, digestive health and healthy ageing. They serve as key constituents in innovative medical devices and are in rapidly increasing demand for skincare and dermatology applications.

“Fucoidan manufacturers have traditionally utilised solvents to precipitate the fucoidan polymer from crude seaweed extracts, which leads to shortfalls including contaminants being present in the final extract, quality being inconsistent, and chemical integrity and bioactivity being compromised,” said Marinova Scientific Affairs Director, Dr Corinna Dwan.

“We developed an exclusive ‘green chemistry’ extraction process to overcome these shortfalls and produce certified organic fucoidan.

“The proprietary process does not use organic solvents and produces fucoidans that remain unadulterated in chemical structure and free from solvent residues. The resulting extracts comply with rigorous quality standards and regulatory requirements.”

As the world’s only supplier of high purity, certified organic fucoidan with global regulatory acceptance, Marinova exports its unique portfolio of fucoidan extracts to over 35 countries.

“Being recognised by AOL provides us the opportunity to promote our certified organic status to our global network,” said Dr Dwan.

“A commitment to organic products, quality and sustainability has always underpinned Marinova’s business philosophy.”

Learn more about Marinova [here](#).