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Profiling of carotenoids and antioxidant capacity of microalgae from subtropical coastal and brackish waters

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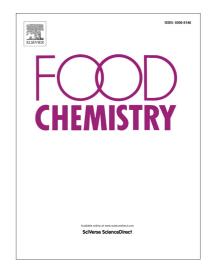
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ACCEPTED MANUSCRIPT

Profiling of carotenoids and antioxidant capacity of microalgae from subtropical coastal

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2	and brackish waters
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4	Running title: Carotenoids and antioxidant capacity of subtropical microalgae
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20	Abstract
21	Carotenoids are associated with various health benefits, such as prevention of age-related
22	macular degeneration, cataract, certain cancers, rheumatoid arthritis, muscular dystrophy and
23	cardiovascular problems. As microalgae contain considerable amounts of carotenoids, there is
24	a need to find species with high carotenoid content. Out of hundreds of Australian isolates,
25	twelve microalgal species were screened for carotenoid profiles, carotenoid productivity, and

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