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Extraction and antioxidant activities of cushaw polysaccharide

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Abstract: Extraction and antioxidant activities of polysaccharide from cushaw were studied. The crude polysaccharide was extracted with the hot-water. It proved that the CaCl_2 method was very suitable for deproteinization to cushaw polysaccharide. The cushaw polysaccharide contained α/β glycosidic bonds. Moreover, it proved that the cushaw polysaccharide exhibited better antioxidant activities.

Keywords: cushaw polysaccharide, extraction, analysis, antioxidant activities

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