The Isolation, Immobilization, and Characterization of Urease from The Seeds of Winged Bean (Psophocarpus tetragonolobus (L.) DC.

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Author Order	3 of 5
Accreditation	1
Abstract	Urease has been utilized in the field of health and industry. Urease is commonly used in the form of free enzyme, so that the utilization is limited. Urease efficiency can be improved using immobilization enzyme. This research aimed to do the urease isolation, immobilization, and characterization from the winged bean seeds. This research was started by determining the amino-acid content of winged bean seeds using the Liquid chromatography-mass spectrometry (LCMS). The winged bean seeds were germinated and extracted. The obtained crude extractÅcÅ $A^{\pm}A^{\pm}M^{\pm}M^{\pm}M^{\pm}M^{\pm}M^{\pm}M^{\pm}M^{\pm}M$
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