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## **KINETIC PROPERTIES OF AN ALKALINE PROTEASE FROM *ASPERGILLUS FLAVUS* (LINK) JBPSI-4.**

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**ABSTRACT:** Some kinetic properties of the partially purified alkaline protease from *Aspergillus flavus* (Link) JBPSI-4 were determined. The kinetic parameters were as follows:  $K_m = 0.95\text{mg/ml}$ ,  $V_{max} = 333\text{U/ml/min}$ . The partially purified enzyme showed highest protease activity in casein as a substrate followed by gelatin, BSA and hemoglobin.

Key words: *Extra cellular protease, Enzyme, Fungi, Hydrolytic action,  $K_m$ ,  $V_{max}$ .*