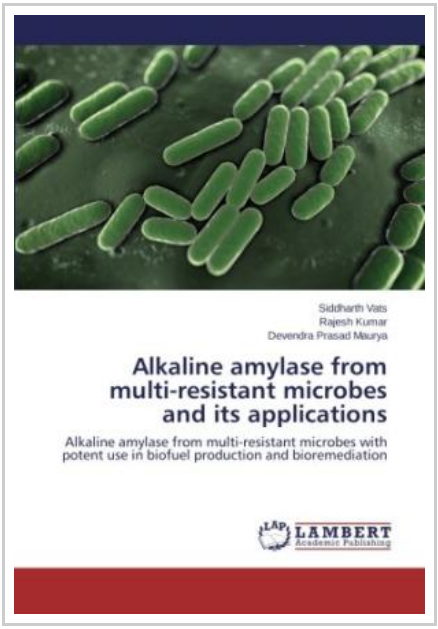

Alkaline amylase from multi-resistant microbes and its applications

By Siddharth Vats

LAP Lambert Academic Publishing Jan 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - Enzymes hold the future of biotech sector by contributing in research and industries. Enzymes obtained from microbes offer advantages over the enzymes obtained from plants and animals. Obtaining enzymes from plants and animal is a costly process while its easy to rear microbes in the artificial media under modifying physical and biochemical conditions and they show potential results. Since there is continuous need for finding new potential enzymes from microbe which offers immediate use in industries as well as in bioremediations. The spectrum of amylase application includes food, detergent, pharmaceutical, leather, textile, cosmetic, paper industries clinical, medical, analytical chemistry, distilling industries and bio-fuels industries. Keeping all these things in mind, the work was focused on finding enzymes from microbes with resistance towards pesticides, high salt concentrations, antibiotics and heavy metals for bioremediations and biofuel productions. Amylase produced by multiresistant microbes can be used for treatment of effluents with high salinity, pesticides contents and presence of heavy metals containing starch or cellulosic residues in pollution control mechanism. 100 pp. Englisch.

Reviews

Extensive information for book fans. It is writter in basic words and never hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- ***Otis Wisoky***

This publication is great. It is full of wisdom and knowledge You will not really feel monotony at at any time of the time (that's what catalogs are for relating to when you ask me).

-- ***Dr. Everett Dicki DDS***