

Enzyme Catalysis

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{youtube}WEHJLdeqAu4?{/youtube}

In this video explains Enzyme Catalysis

- * Enzymes are complex nitrogenous substances produced by living bodies, which act as catalysts in the physiological reaction. The enzymes are also sometimes called bio catalysts
- * Though enzymes are produced by living beings, they themselves are non-living and can act as catalysts even outside the living bodies.
- * Numerous reactions that occur in the bodies of animals and plants to maintain the life process catalyzed by enzymes. The enzymes are thus termed as biochemical catalysis.

Conversion of milk into curd: It is an enzymatic reaction brought about by lacto bacilli enzyme present in curd.

Mechanism of enzyme catalysis:

- The molecules of the reactant which have complementary shape comparing with the shapes of cavities on the surface of colloidal particles of enzymes.
- Therefore molecules of reactant fit into cavities of colloidal particle of enzymes just like key fits into lock.

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