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Alcoholic fermentation converts one mole of glucose into two moles of ethanol and two moles of carbon dioxide, producing two moles of ATP in the process. The overall chemical formula for alcoholic fermentation is: $C_6H_{12}O_6 \rightarrow 2 C_2H_5OH + 2 CO_2$ Sucrose is a dimer of glucose and fructose molecules.

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Introduction Actually this experiment has already been performed. One may have noticed in Experiment No. 1 that mushy substance formed during the prolonged precuring process in cheese manufacturing in which the natural action of lactose fermenting culture originally resident in butter milk was utilized to acidify milk.

Yogurt Fermentation with Lactobacillus Cultures

Keywords: bacteriocin-like inhibitory substance, *Lb. paracasei*, fermentation, medium composition, lactic acid bacteria Introduction lactic acid bacteria (IAB) produce a variety of antimicrobial compounds, including bacteriocins. Bacteriocin production by IAB has been extensively investigated during the last

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