

A LITTLE STORY OF EARTH, WATER AND ALCOHOL

Summary

Our planet Earth exists for about 4,6 milliard years, but the phenomenon of life has emerged only after the appearance of water in the fluid state and of molecular oxygen. One of oxygen containing organic compounds is ethyl alcohol having characteristic physical and chemical properties. It may be gen-

erated metabolically in live organisms on the pathway of alcoholic fermentation. It contains highly reactive functional hydroxyl group, responsible for formation of hydroxyl radical, which owing to its low specificity can attack almost all kinds of chemical compounds in the cell.