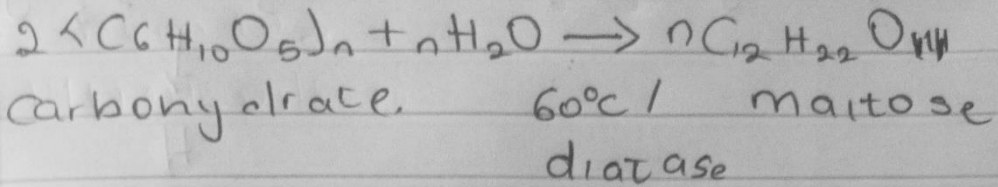
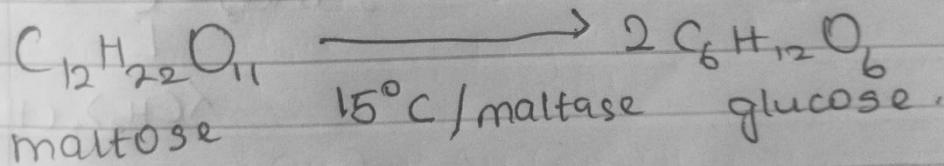
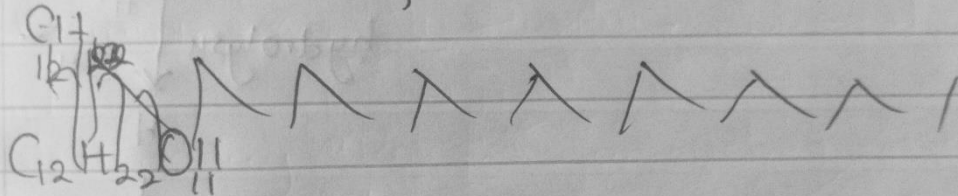


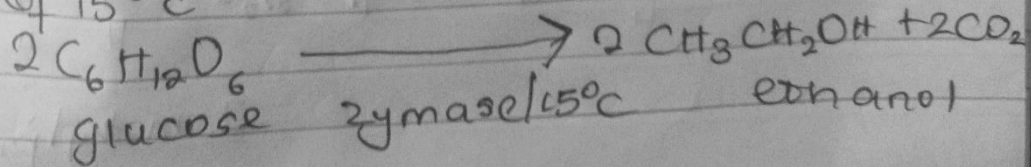
malt

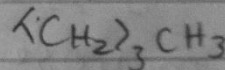
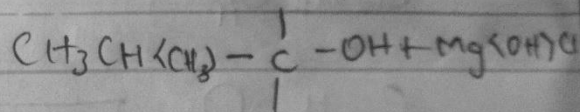
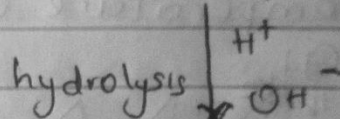
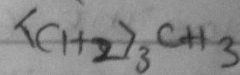
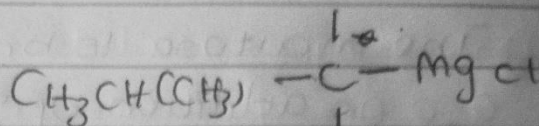
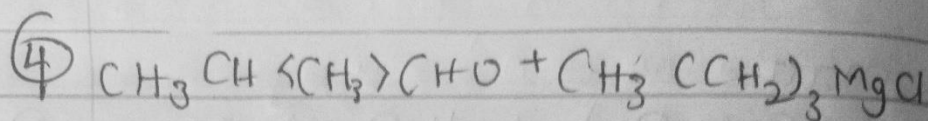


The maltose is broken down into glucose on addition of yeast which contains the enzyme maltase and at a temperature of $15^\circ C$

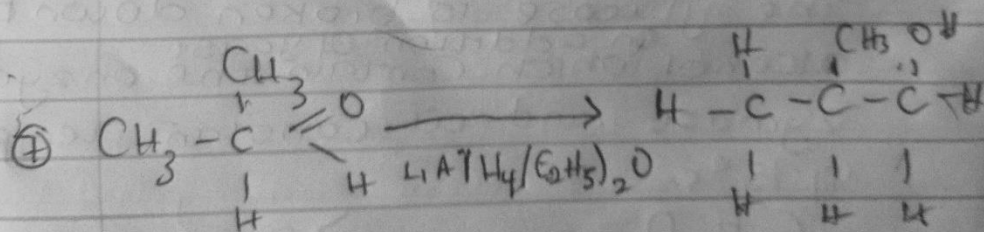


The glucose is broken down into alcohol which contains the enzyme zymase and at constant temperature of $15^\circ C$





(2-methyl heptan-3-ol)



2-methylpropanol

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Dept: Medicine and Surgery.
Course code Chem 102
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① primary alcohol: is an alcohol with the number of hydrogen atom attached to the carbon atom bearing the hydroxyl group are two or three

example: $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ - Propanol
~~Butanol~~

Secondary alcohol: is an alcohol with the number of hydrogen atom attached to the carbon atom bearing the hydroxyl group is one

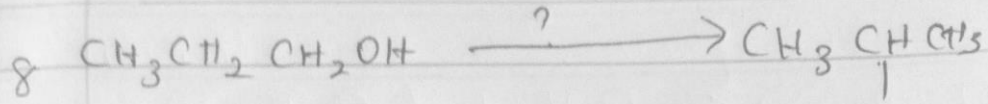
Example: $\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$ - Butan-2-ol

Tertiary alcohol: is an alcohol with the number of hydrogen atom attached to the carbon atom bearing the hydroxyl group is zero.

Example: $(\text{CH}_3)_3\text{C-OH}$ 2-methylpropan-2-ol

Is to be...

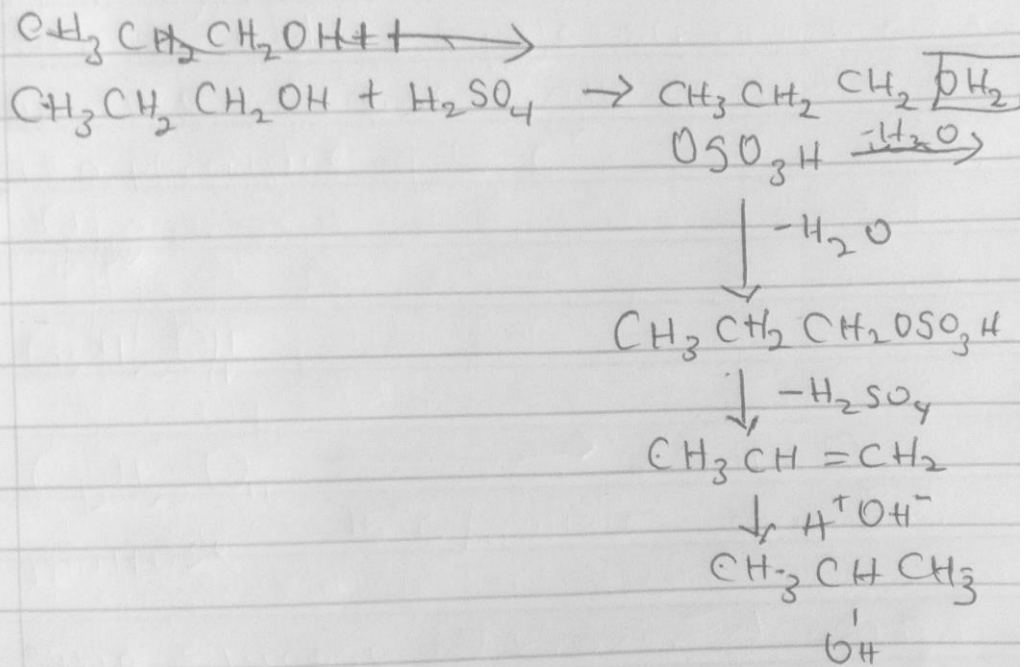
... depending on the...



Propanol

Propanol 2-ol

Dehydrate propanol by using conc H_2SO_4



atoms
nd I

(2) Solubility of alcohol:

Lower alcohol with up to three carbon atoms in their molecules are soluble in water because these lower alcohols can form hydrogen bond with water molecules. The solubility of alcohol in water decreases with increasing relative molecular mass.

3 Carbohydrate such as starch are major group of natural compound that can be made to yield ethanol by biological process of fermentation. Enzymes found in yeast break down the carbohydrate molecules into ethanol to give a yield of 95%. The starch containing materials include, potatoes, cereals and on warming with malt to 60°C for a specific period of time are converted into maltose by the enzyme diastase contained in the