

class - U.G. Semester - IV

Subject - chemistry (MJC)

Paper - MJC - IV

Topic - Glycerol (continue)

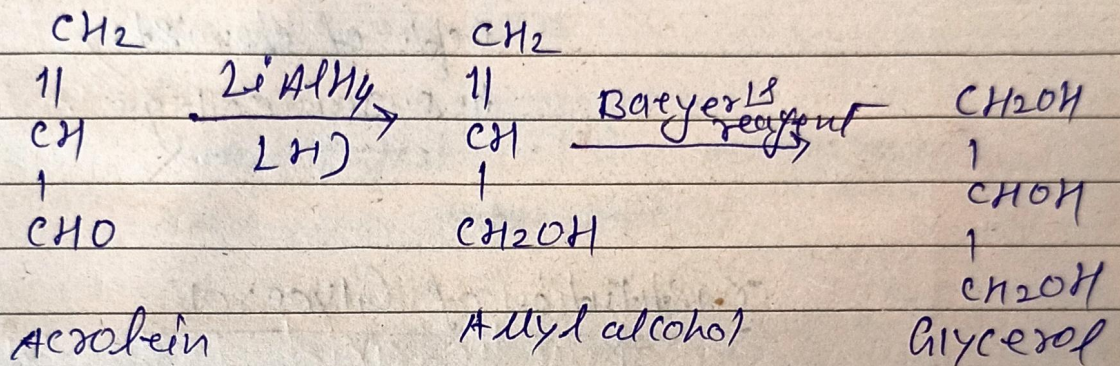
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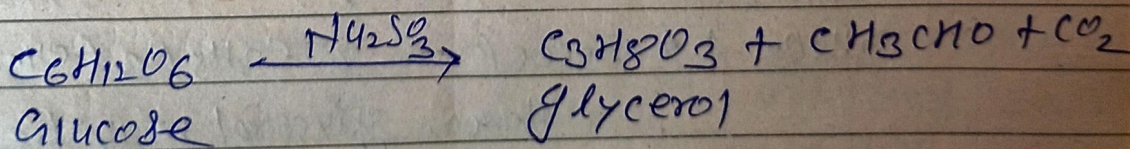
Manufacture continued →

(3) From Acrolein :- Acrolein on reduction on with LiAlH_4 gives allyl alcohol which on treatment with Baeyer's reagent to give glycerol.



(4) By the fermentation of Sugars :-

Glycerol is also obtained by the fermentation of sugar in presence of Sodium Sulphite



However, Sodium Sulphite upon hydrolysis yields an alkaline medium which favours the above course of fermentation, the yield of glycerol is increased to 20-25 percent.