

Laboratory Report (109 chem)

Experiment (9): Carboxylic acid & Their derivatives

Student Names: Section No:

Name		Structure formula
class		
Functional group		
Molecular formula		

Tube no.	Test	Observation	Conclusion
1	<p><u>Reaction of Carboxylic Acid and Bicarbonate:</u></p> <p>acetic acid +0.5g NaHCO₃</p>		
2	<p><u>Esterification:</u></p> <p>1- 1ml of acetic acid +1ml Ethanol +2drops Conc .H₂SO₄ +Δ</p> <p>2 -Add to test tube contain 10 ml water +Na₂CO₃</p>		

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Tube no.	Test	Observation	Conclusion
1	<p><u>Reaction of Carboxylic Acid and Bicarbonate:</u></p> <p>1 ml NaHCO₃ +heat+ 0.5g Salicylic acid</p>		

Questions :

