

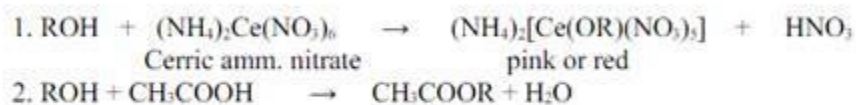
EXPERIMENT No.9

AIM: To test the presence of alcoholic group in the given organic compound.

PROCEDURE:

S.No	EXPERIMENT	OBSERVATION	INFERENCE
1	<u>CERRIC AMMONIUM NITRATE TEST</u> Organic compound + few drops of ceric ammonium nitrate solution. Shake well.	A pink or red colour appears.	Alcoholic –OH group present.
2	<u>ESTER TEST</u> Organic compound + few drops of glacial acetic acid + 1-2 drops of conc. H ₂ SO ₄ + warm on water bath for 5 min. Cool and pour into 15ml of Na ₂ CO ₃ solution. Smell the contents.	A fruity smell is obtained	Alcoholic –OH group present

EQUATIONS: (ON BLANK SIDE USING A PENCIL)



RESULT: (ON RULED SIDE) - Alcoholic –OH present in the given organic compound.