

Exercise - To identify the functional group in the given organic sample.

	Experiment	Observation	Inference
1.	Carbyl amine Test Org. sample + 0.5 ml of CHCl_3 and 3-4 ml of KOH .	Very unpleasant smell of isocyanide	Amino group is present.
2.	Azo dye test - Organic sample + dil. HCl + NaNO_2 Add β -naphthol, Cool it.	Orange red dye is formed.	Amino group is confirmed.

Result - The given organic sample contains amino group.