

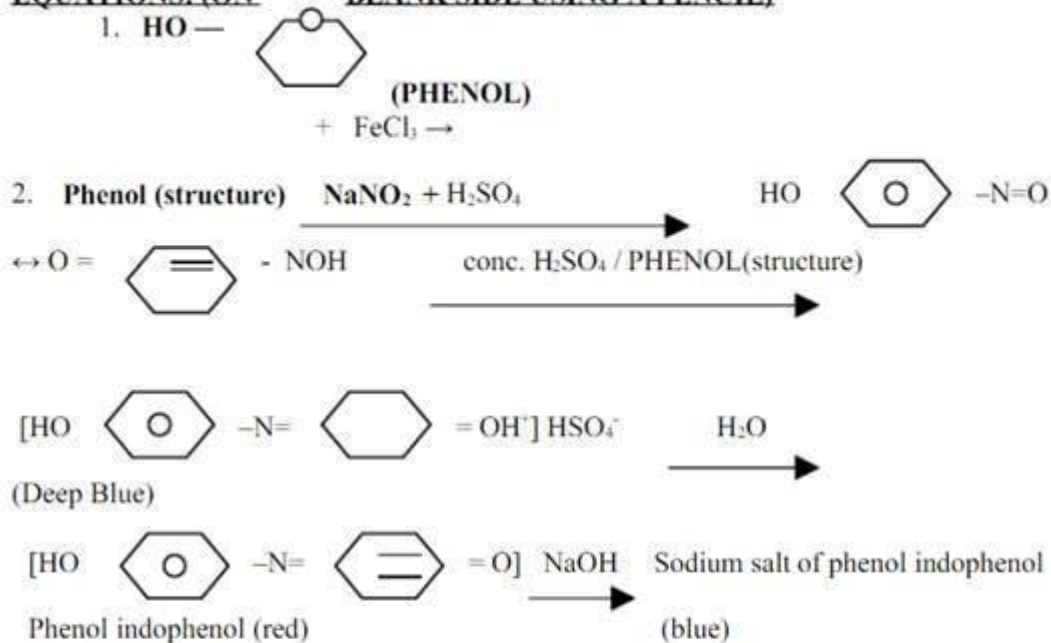
EXPERIMENT No.10

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

PROCEDURE:

S.No	EXPERIMENT	OBSERVATION	INFERENCE
1	LITMUS TEST Organic compound + few drops of blue litmus solution.	Blue litmus turns red.	Phenolic -OH group present.
2	NEUTRAL FeCl_3 TEST Organic compound + few drops of neutral FeCl_3 solution.	A violet colouration is obtained.	Phenolic -OH group present.
3	LIEBERMANN NITROSO TEST Organic compound + sodium nitrite + conc. H_2SO_4	A deep blue or green colouration is obtained which turns red on the addition of water. The blue or green colour reappears on the addition of NaOH .	Phenolic -OH group present.

EQUATIONS: (ON BLANK SIDE USING A PENCIL)



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