

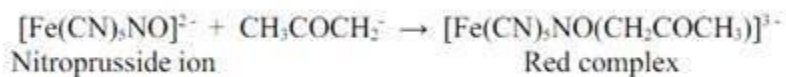
EXPERIMENT No.12

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

PROCEDURE:

S.No	EXPERIMENT	OBSERVATION	INFERENCE
1	<u>2,4-DNP TEST</u> Organic compound + 2,4-DNP	Crystalline orange ppt. obtained	Carbonyl group present.
2	<u>m-DINITROBENZENE TEST</u> Organic compound + m-dinitrobenzene + NaOH	A violet colouration is obtained.	Ketonic group present.
3	<u>SODIUM NITROPRUSSIDE TEST</u> Organic compound + sodium nitroprusside + NaOH	A red colouration is obtained.	Ketonic group present.

EQUATIONS: (ON BLANK SIDE USING A PENCIL)



RESULT: : (ON RULED SIDE) Ketone present in the given organic compound.