

EXPERIMENT No.17

AIM: To test the presence of protein in the given food sample.

PROCEDURE:

S.No	f	OBSERVATION	INFERENCE
1	<u>BIURET TEST</u> Food sample + few drops of NaOH + CuSO ₄ solution.	A violet colouration is obtained.	Protein present.
2	<u>XANTHOPROTEIC TEST</u> Food sample + few drops of conc. HNO ₃ . Heat.	A yellow ppt. is obtained.	Protein present.
3	<u>NINHYDRIN TEST</u> Food sample + few drops of 0.15 ninhydrin solution. Boil the contents.	A blue colour is obtained.	Protein present.

RESULT: (ON RULED SIDE) The food sample has been tested for proteins.