

EXPERIMENT No.3

AIM: To prepare a colloidal sol of starch.

THEORY: Starch forms a lyophilic sol with water which is the dispersion medium. The sol of starch can be prepared by water to about 100°C . The sol is quite stable and is not affected by the presence of an electrolytic impurity.

PROCEDURE:

EXPERIMENT	OBSERVATION	INFERENCE
Take 50 ml of distilled water in a beaker and heat it to about 100°C . Add a thin paste of starch to water with stirring.	A colourless, translucent sol is obtained	Sol of starch has been prepared

RESULT- Colloidal sol of starch has been prepared.