

Exercise - To detect fats or oil in given food sample.

Experiment	Observation	Inference
Spot test - Put a drop on a filter paper press it with another filter paper.	A translucent spot appears on the filter paper.	Oil or fat is present.
Sample + Alc. $KMnO_4$	Disappearance of purple colour.	Oil is Confirmed.
Sample + Alc. $KMnO_4$	Purple colour persist.	Fat is Confirmed.

Result - The given food stuff is oil or fat.