Homogeneous mixtores Methods <u>seperated</u> solutions :-Solutions which volatile component (sowent 13 method in the 1 E , 1. Evaporation: get converted into vapour below bailing point porticles get uniformly Eg: selevating due from water in INK distributed and one very Centrifugation: The process in which densex particles are forced to the bottom elable and lighter particles set stay at top when spen rapidly Docanot shows tyndall eg: seperating exeam from milk, used in blood turine lests. effect Can't seen by naked 3. Using seperating funnel: In this two immiscible liquids are seperand enles using seperating funnel by keeping the undisturbed secretaing funnel Special methods are used to seperand eg: seperating miature of oil and water in extraction of iron from it one the particles - stopcock 4. Chromotography: It is the method to soperate those solutes that dissolve in same solven eg: to seperatel: colors in due, pigments from natural colors, drugs from blood. 5. Distillation: Used to seperated the mixtures by boiling having BP difference growing Sall in water greater than 25°C eg: seperating actions and water. Sugar in water 6. Fractional Distillation: Used to seperate the mixtures by boiling have Alloys etc. eg: seperating gazes from air, etc. B. A. difference tess than 25°C Crystallisation: The process to purify solid in its crystal forms From its solutions eq; obtaining pure copper sulphake from impure one. . Tyndall effect: The phenomenon in which light get powed through particles. Physical changes: The change in which no new the mixture due to scattering when hits by particles. Physical changes: The change in which no new the mixture due to scattering when hits by particles. Substance are formed eg: freezing of water, boiling of water. Alloys: Minds A type of solution when two ments get mixed Chemical Changes: The change in which rew to form new mixture.

substance are formed eg: Rusting of iran

Cooking of food etc.

