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method of physically separating mixtures into its individual components paper chromatography is used for separating chemicals based on their different properties ex solubility size mass etc and thus allows scientists to distinguish various organic and inorganic materials this technique is commonly used in crime scenes or in laboratories to identify an unknown compound by comparing it to known compounds paper chromatography is one of the types of chromatography procedures that runs on a piece of specialized paper it is a planar chromatography system wherein a cellulose filter paper acts as a stationary phase where compounds are separated paper chromatography is a chromatography technique used to separate mixture of chemical substances into its individual compounds paper chromatography is used to teach tlc or other chromatography as it is very similar to tlc principles of paper chromatography all chromatography follow the same principle what is paper chromatography and how does it work 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