

add excess solute, find mass not dissolved

MP1 method is repeated for both ethanol and water

MP2 volume of ethanol / water known / stated / measured

MP3 solid added to solvent in a suitable container

MP4 add known / stated / measured mass of oxalic acid / solid to the solvent

MP5 shake / mix / stir

MP6 filter and find mass of solid left

MP7 smallest mass of solid is solvent in which it is the most soluble

OR

add solute gradually, stop when no more dissolves

MP1 method is repeated for both ethanol and water

MP2 volume of ethanol / water known / stated / measured

MP3 solid added to solvent in a suitable container

MP4 add stated / known mass / measure of ethanedioic acid

MP5 shake / mix / stir

MP6 if all dissolved, add more

MP7 largest mass / most measures added is solvent in which it is the most soluble

OR

add excess solute, find mass that dissolves

MP1 method is repeated for both ethanol and water

MP2 volume of ethanol / water known / stated / measured

MP3 solid added to solvent in a suitable container

MP4 add known / stated / measured mass of ethanedioic acid / solid to the solvent

MP5 shake / mix / stir

MP6 filter and heat solution to evaporate all solvent and weigh solid left

MP7 smallest mass of solid is solvent in which it is the most soluble

max 6

Question

Answer

Marks