4/9

Halogen

"aryl halides"

oily dispersion dominated denser than H_2O

Electrolyte

1 mol NaCl (aq)

$Na^+_{(aq)} + Cl^-_{(aq)}$

Amt. of NaCl : 1 mol

Amt of solute particles : 2 mol

$i = \frac{2}{1} = 2$

Non Electrolyte

1 mol sucrose $C_{12}H_{22}O_{11}$

Amt of sucrose: 1 mol

Amt of solute particles : 1 mol

$i = \frac{1}{1} = 1$

200g NaCl (aq)

Amt. of NaCl: $200\,g \left(\frac{mol}{58.44\,g}\right) = 3.422$ mol

Amt solute particles: $200\,g \left(\frac{mol\,NaCl}{58.44\,g}\right)\left(\frac{2\,mol\,part.}{mol\,NaCl}\right) = 6.844$ mol solute particles

Strong Electrolyte

Strong Acids

Strong Bases

Soluble Salts

Weak Electrolyte

Weak acids

Weak bases

alcohols

Distilled water	H_2O
Tap Water	H_2O
Sodium chloride	NaCl
Sugar	
Vinegar	CH_3COOH
Hydrochloric Acid	HCl
Sodium Hydroxide	NaOH
Ethanol	C_2H_5OH
Barium Sulfate	$BaSO_4$

Electrolytes Canvas Exam