Name: Group: Data:

Report 5

I. Real solutions

1. Calculations of $CuSO_4$ concentration in a solution

Calculations:

2. Dilution of $CuSO_4$ solution

Calculations:

Conclusions:

II. Colloidal solutions

1. Preparation of hydrophobic colloid – sol of silver chloride with positive and negative charge

Conclusions:

2. Comparison of coagulation of hydrophilic and hydrophobic colloids

Conclusions:

3. Protective properties of hydrophilic colloids

Conclusions:

III. Observation of osmosis and osmotic pressure

Conclusions: