

Content

1. INTERNATIONAL SYSTEM OF UNITS	5
2. COMPOSITION OF SOLUTIONS.....	8
3. IONIC STRENGTH.....	23
4. OSMOTIC PRESSURE AND OSMOTICALLY ACTIVE CONCENTRATION	25
5. EQUILIBRIUM, EQUILIBRIUM CONSTANTS	27
6. SOLUBILITY PRODUCT CONSTANT.....	31
7. pH OF SOLUTIONS, TITRATION CURVES	33
8. OXIDATION AND REDUCTION, BIOENERGETICS.....	52
9. CALCULATIONS IN VOLUMETRIC ANALYSIS.....	63
ANSWERS TO PROBLEMS	67