**PHYSICAL CHEMISTRY 2 LABORATORY**

**REPORT SHEET**

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| **Nr:** |  | **PICTURE** |
| **Name:** |  |
| **Surname:** |  |

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| **Exp. Nr.** | **Experiment Name** | **Date** | **Results** | **Signature** |
| 1 | SOLUBILITY DIAGRAM OF TWO PARTIALLY MISCIBLE LIQUIDS |  |  |  |
| 2 | DETERMINATION OF THE KINETICS OF A SECOND ORDER REACTION: SAPONIFICATION OF ETHYL ACETATE |  |  |  |
| 3 | STEAM DISTILLATION |  |  |  |
| 4 | CRYOSCOPY |  |  |  |
| 5 | EFFECT OF TEMPERATURE ON REACTION RATE AND DETERMINATION OF THE ACTIVATION ENERGY OF A CHEMICAL REACTION |  |  |  |
| 6 | KINETICS OF THE DECOMPOSITION REACTION OF α , α’-AZOBISISOBUTYRONITRILE |  |  |  |
| 7 | FIRST ORDER REACTIONS: POLARIMETRIC METHOD |  |  |  |
| 8 | EBULLIOSCOPY |  |  |  |
| 9 | MOLECULAR WEIGHT DETERMINATION BY THE VICTOR MEYER METHOD |  |  |  |