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| **Reports of Organic Preparations – CHEM 345** | | | | | | | | | | | | |
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| **Student’s Name** | | | |  | | | | | | | | |
| **Student’s Number** | | | |  | | | | | | | | |
| **Experiment Number** | | | |  | | | | | | | | |
| **Title of Experiment** | | | |  | | | | | | | | |
|  | | | | | | | | | | | | |
| **Introduction** | | | | | | | | | | | | |
| ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….  ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………. | | | | | | | | | | | | |
| **Reaction Equation** | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Reaction Mechanism** | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Materials Used** | | | | | | | | | | | | |
| 1 |  | | | | | | | | | | | |
| 2 |  | | | | | | | | | | | |
| 3 |  | | | | | | | | | | | |
| 4 |  | | | | | | | | | | | |
| 5 |  | | | | | | | | | | | |
| **Procedure** | | | | | | | | | | | | |
| 1 |  | | | | | | | | | | | |
| 2 |  | | | | | | | | | | | |
| 3 |  | | | | | | | | | | | |
| 4 |  | | | | | | | | | | | |
| 5 |  | | | | | | | | | | | |
| 6 |  | | | | | | | | | | | |
| 7 |  | | | | | | | | | | | |
| 8 |  | | | | | | | | | | | |
| 9 |  | | | | | | | | | | | |
| 10 |  | | | | | | | | | | | |
| **Reactants Calculations** | | | | | | | | | | | | |
| **Compound** | | **Color** | **Order** | | **Molar Mass** | | **Weight** | **No. of Moles** | **M.P** | | | |
|  | |  |  | |  | |  |  |  | | | |
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|  | | | | | | | | | | | | |
| **Products Calculations** | | | | | | | | | | | | |
| **Compound** | | **Color** | **Order** | | **Molar Mass** | **No. of Moles** | | **Actual Yield** | **Theo. Yield** | **Weight** | **M.P** | **Yield** | |
|  | |  |  | |  |  | |  |  |  |  |  | |
|  | |  |  | |  |  | |  |  |  |  |  | |
|  | | | | | | | | | | | | |
| **Purification Method** | | | | | | | | | | | | |
| ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..……  …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..  …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………… | | | | | | | | | | | | |