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| **DEPARTMENT OF CHEMISTRY** |
|
| **LIST OF CHEMICALS** |
| **Chemical Name** | **Company** | **Amount** | **Quantity** |
| Fluorescein | MERCK | 25 g | 1 |
| Methylene Blue | MERCK | 25 g | 1 |
| L-Leucine | MERCK | 25gm | 1 |
| Alumina (For column Chromatographic ) | MERCK | 100 gm | 1 |
|
| Acetone | MERCK | 500 ml | 3 |
| Sucrose | MERCK | 500 g | 2 |
| Monel (Ni+Cu) alloy |   | 25gm | 1 |
| Benzaldehyde | MERCK | 500 ml | 1 |
| Chloroform | MERCK | 500 ml | 1 |
| Ethyl acetate | MERCK | 500 ml | 1 |
| Sudan red | MERCK | 100gm | 1 |
| Sudan Yellow | MERCK | 500gm | 1 |
| Calcium ammonium nitrate | MERCK | 500gm | 1 |
| Anhydrous calcium chloride | MERCK | 500gm | 1 |
| Anthracene | MERCK | 500gm | 2 |
| cyclohexanol | MERCK | 500 ml | 2 |
| Napthalene | MERCK | 500 gm | 1 |
| Acetamide | MERCK | 500gm | 1 |
| Benzaldehyde | MERCK | 500ml | 1 |
| Aniline | MERCK | 500ml | 1 |
| Acetic anhydride | MERCK | 500ml | 1 |
| Tin (powder) | MERCK | 50gm | 1 |
| celite | MERCK | 500 gm | 2 |
| Ethyl acetoacetate | MERCK | 500ml | 2 |
| p-toluene sulphonic acid | MERCK | 500gm | 1 |
| Calcium hypochlorite | MERCK | 500g | 1 |
| Furan | MERCK | 500ml | 1 |
| Maleic acid | MERCK | 500gm | 1 |
| Benzopinacol | MERCK | 500gm | 1 |
|
| Thyamine hydrochloride | MERCK |   | 1 |
| Rubeanic acid | MERCK | 25 gm | 1 |
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| **LIST OF GLASSWARE AND OTHER INSTRUMENTS** |  |  |  |
| **Chemical Name** | **Company** | **Amount** | **Quantity** |
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|
| TLC plate |   |   | 8 pc |
| Glass Lid |   |   | 9 pc |
| TLC chamber (12 cm×4 cm) |   |   | 8 pcs |
| Glass Chromatographic column |   |   | 8 pc |
| (1-1.5) cm diameter and 30 cm long |
| Spraying Bottle (Plastic) |   |   | 4 Pc |
| Boiling point apparatus |   |   | 6 |
| Thermometer |   |   | 5 |
| Reflux condenser (250 mm) |   |   | 6 |
| Round bottom flask((250 ml) |   |   | 6 |
| Separatory funnel |   |   | 1 |
| Glass rod |   |   | 12pc |
| Capillary tube |   |   | 5 box |
| Molecular model kit Organic and Inorganic Chemistry |   |   | 1 |