**BIOCHEMISTRY REAGENTS**

**2021/2022 ACADEMIC SESSION**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S/N** | **REAGENT** | **GRAMS/LITRES** | | **QUANTITY** | **PRICE** | **TOTAL** | |
| 1 | Sulpuric Acid | 2.5 litres | | 1 | 15,000 | 15,000 | |
| 2 | Calcium carbonate | 500g | | 1 | 5000 | 5,000 | |
| 3 | Dichloromethane | 2.5 L | | 2 | 15,000 | 30,000 | |
| 4 | Sodium Sulphate | 500g | | 1 | 4000 | 4000 | |
| 5 | Silver Nitrate | 100g | | 1 | 75,000 | 75,000 | |
| 6 | p-nitrobenzoyl chloride | 2.5L | | 1 | 28,000 | 28,000 | |
| 7 | Ammonia Solution | 2.5L | | 1 | 15,000 | 15,000 | |
| 8 | Carbon Tetrachloride | 500g | | 1 | 22,000 | 22,000 | |
| 9 | Sodium Sulphide | 500g | | 1 | 5,500 | 5,500 | |
| 10 | Diphenylamine | 100g | | 1 | 10,000 | 10,000 | |
| 11 | Barium Chloride | 500g | | 1 | 6,000 | 6,000 | |
| 12 | Sodium Sulphate | 500g | | 1 | 5,000 | 5,000 | |
| 13 | Potassium Sulphate | 500g | | 1 | 5000 | 5,000 | |
| 14 | Ferrous Sulphate | 500g | | 1 | 6,000 | 6,000 | |
| 15 | Pottasium Nitrate | 500g | | 1 | 6000 | 6,000 | |
| 16 | Sodium hydroxide | 500g | | 1 | 4,500 | 4,500 | |
| 17 | Zinc Sulphate | 500g | | 1 | 4000 | 4,000 | |
| 18 | Diethyl Ether | 2.5L | | 2 | 22,000 | 44,000 | |
| 19 | Lead Chloride | 500g | | 1 | 6500 | 6,500 | |
| 20 | Copper Sulphate | 500g | | 1 | 5,000 | 5,000 | |
| 21 | Ferric Chloride | 500g | | 1 | 4500 | 4,500 | |
| 22 | Ferrous Sulphate | 500g | | 1 | 6,000 | 6,000 | |
| 23 | Aluminium Chloride | 500g | | 1 | 5,500 | 5,500 | |
| 24 | Sodium hydrogen Carbonate | 500g | | 1 | 5,500 | 5,500 | |
| 25 | Acetaldehyde | 100g | | 1 | 8000 | 8,000 | |
| 26 | Acetone | 2.5L | | 4 | 15,000 | 60,000 | |
| 27 | Ethanamide | 100ml | | 1 | 12,000 | 12,000 | |
| 28 | Sodium Acetate | 500g | | 1 | 5,500 | 5,500 | |
| 29 | Acetic Acid | 2.5L | | 1 | 15,000 | 15,000 | |
| 30 | Lead Acetate | 500g | | 1 | 5,500 | 5,500 | |
| 31 | Isopropanol | 2.5L | | 1 | 15,000 | 15,000 | |
| 32 | Phenol | 2.5L | | 1 | 25,000 | 25,000 | |
| 33 | Ethanol(98%) | 2.5L | | 1 | 15,000 | 15,000 | |
|  |  |  | |  |  |  | |
| 34 | Methanol (98%) | 2.5L | | 1 | 12,000 | 12,000 | |
| 35 | Bromine water | 500ml | | 1 | 6500 | 6,500 | |
| 36 | Benzoic Acid | 500g | | 1 | 5,000 | 5,000 | |
| 37 | Sodium Bicarbonate | 500g | | 1 | 6,000 | 6,000 | |
| 38 | 4-chlorobenzoylchloride | 2.5litres | | 1 | 30,000 | 30,000 | |
| 39 | Standard Buffers | 4.0; 7.0 | | 2 | 6000 | 12,000 | |
| 40 | PH Indicator papers | 5 packets | | 5 | 1500 each | 7,500 | |
| 41 | P-toluene Sulphonyl Chloride | 100g | | 1 | 12,000 | 12,000 | |
| 42 | B- naphthol | 100g | | 1 | 9,000 | 9,000 | |
| 43 | Ethylamine | 2.5L | | 1 | 28,000 | 28,000 |
| 44 | Hydroxy amine | 2.5L | | 1 | 36,000 | 36,000 |
| 45 | AcetylChloride | 2.5L | | 1 | 18,000 | 18,000 |
| 46 | Zinc Chloride | 500g | | 1 | 4000 | 4,000 |
| 47 | Isophthaloyl dichloride | 2.5L | | 1 | 38,000 | 38,000 |
| 48 | 4-(tertbutyl)benzoyl chloride | 2.5 L | | 1 | 48,000 | 48,000 |
| 49 | DPPH | 1g | | 1 | 65,000 | 65,000 |
| 50 | a-Propyl gallate | 100g | | 1 | 8000 | 8,000 |
| 51 | Potassium ferricyanide | 500g | | 1 | 5,500 | 5,500 |
| 52 | Trichloroacetic acid | 500g | | 1 | 8000 | 8,000 |
| 53 | Ascorbic acid | 100g | | 1 | 7,500 | 7,500 |
| 54 | Sodium phosphate | 500g | | 1 | 4500 | 4,500 |
| 55 | Ammonium molybdate | 100g | | 1 | 8,000 | 8,000 |
| 56 | Folin- Ciocalteu Phenol reagent | 2.5L | | 1 | 28,000 | 28,000 |
| 57 | Anhydrous sodium carbonate | 500g | | 1 | 4000 | 4,000 |
| 58 | Sodium dihydrogen phosphate monohydrate | 500g | | 1 | 6000 | 6,000 |
| 59 | Disodium hydrogen phosphate heptahydrate | 500g | | 1 | 5000 | 5,000 |
| 60 | Cadmium II Chlorde | 500g | | 1 | 9000 | 9,000 |
| 61 | Deuteromorpholine | 2.5L | | 1 | 48,000 | 48,000 |
| 62 | Pottasium Chloride | 500g | | 1 | 4000 | 4,000 |
| 63 | Streptozotocin | 1g | | 5 | 65,000 | 325,000 |
| 64 | Alloxan | 1g | | 5 | 55,000 | 275,000 |
| 65 | Sodiumdeodocylsulphate(SDS) | 500g | | 1 | 8000 | 8,000 |
| 66 | Mercaptoethanol | 500ml | | 1 | 18,000 | 18,000 |
| 67 | Morpholine | 500ml | | 1 | 15,00 | 15,000 |
| 68 | TEMED | 100g | | 1 | 75,000 | 75,000 |
| 69 | Ethidium bromide | 1g | | 1 | 15,000 | 15,000 |
| 70 | Ammonium Per sulphate | 100g | | 1 | 6000 | 6,000 |
| 71 | Acrylamide | 100g | | 1 | 6000 | 6,000 |
| 72 | Bis-acrylamide | 100g | | 1 | 6000 | 6,000 |
| 73 | Agarose | 500g | | 1 | 18,000 | 18,000 |
| 74 | Ammonium thiocyanate | 500g | | 3 | 6000 | 18,000 |
| 75 | Absolute ethanol | 2.5L | | 3 | 12,000 | 36,000 |
| 76 | Chloroform | 2.5L | | 1 | 12,000 | 12,000 |
| 77 | 2,4-dichlorobenzoyl chloride | 2.5L | | 1 | 38,000 | 38,000 |
| 78 | Ethylacetate | 2.5L | | 2 | 18,000 | 36,000 |
| 79 | Detergent | 1kg | | 1 | 2000 | 2,000 |
| 80 | Glucose | 500g | | 1 | 4500 | 4,500 |
| 81 | 2-thiophene Carbonyl Chloride | 1ltr | | 1 | 9000 | 9,000 |
| 82 | Nickel acetate | 500g | | 1 | 8000 | 8,000 |
| 83 | Cobalt Nitrate | 500g | | 1 | 8000 | 8,000 |
| 84 | Nickel(II) Nitrate Hexahydrate | 500g | | 1 | 18,000 | 18,000 |
| 85 | Chromium (II) Hexahydrate | 100g | | 1 | 8000 | 8,000 |
|  |  | ***SUB TOTAL*** | | | ***1,931,000*** | |
|  |  | ***VAT*** | | | ***96,550*** | |
|  |  | ***TOTAL*** | | | ***2,027,550*** | |
|  |  |  | | |  | |
|  | |
|  | **EQUIPMENT** | **QUANTITY** | **PRICE** | | **TOTAL** |
| 1 | Electrophoretic Comb | 1 | 1.4 million | | 1,400,000 |
| 2 | Electrophoretic Unit | 1 | 750,000 | | 750,000 |
| 3 | Gas lines | 1 |  | |  |
| 4 | Deionizer | 1 | 160,000 | | 160,000 |
| 5 | Fraction Collector | 1 | 1.6 million | | 1,600,000 |
| 6 | Khjedall Catalyst and Tubing( Digestion and Distillation Equipment) | 2 Pcs | 2.4million | | 4,800,000 |
| 7 | TLC unit | 1 | 4.6million | | 4,600,000 |
| 8 | Florescent coat paper for TLC | 1 pack | 3000 | | 3,000 |
| 9 | Reflux Apparatus | 3 | 18,000 | | 54,000 |
| 10 | UK heating Mantle | 1 | 150,000 | | 150,000 |
| 11 | Thermometer | 10 | 600 | | 6,000 |
| 12 | PH meter(Table top us) | 1 | 550,000 | | 550,000 |
| 13 | Probe for PH meter | 1 | 18,000 | | 18,000 |
| 14 | Weighing Balance( Analytical) 4 decimal | 1 | 450,000 | | 450,000 |
| 15 | Column Chromatography | 1 | 50,000 | | 50,000 |
|  |  |  | ***SUB TOTAL*** | | ***12,441,000*** |
|  |  |  | ***VAT*** | | ***622,050*** |
|  |  |  | ***TOTAL*** | | ***13,063,050*** |