

# Sree Narayana College, Kollam

## Department of Botany

### Chemicals

1. Acetic acid- 500ml x 5
2. Acetocarmine - 100ml x 3
3. Aminoacid kit - 1
4. Benzene – 500ml x 2
5. Bradford reagent- 100ml X 3
6. Butylated hydroxy toluene- 250ml x 1
7. Catechol - 25g
8. Chloral hydrate – 100 ml x3
9. Clove oil – 100ml x 5
10. Coomassie Brilliant Blue – 100mgx1
11. Dibasic Sodium phosphate - 500g
12. Diethyl ether – 500ml x 3
13. Dinitrosalicylic acid reagent – 100ml x 3
14. Disodium Hydrogen Phosphate – 500g
15. DPX- 250 ml x 3
16. Fast green – 100mg x 1
17. Folin Ciocalteu reagent - 100 ml
18. Formalin – 3 litre
19. Gallic acid- 100mgx1
20. Gelatin- 100g x2
21. Glycerol – 500ml x 3
22. Gram's iodine – 100ml x3
23. Hydrogen peroxide (60%)- 500mlx1
24. Methanol – 500ml – 5
25. Molybdic acid -250gx1
26. Mono basic Sodium phosphate - 500g
27. Ninhydrin solution
28. Paraffin wax – mp 60°C- 500g x 3
29. Perchloric acid – 500ml x1
30. Phosphomolybdic acid – 500ml
31. Phosphotungstic acid – 250 gx1
32. Potassium acetate- 250gx1
33. Pottassium ferricyanide - 500g
34. Pottassium sodium tartrate - 500g
35. Safranin- 100ml x5
36. Sodium alginate - 500g
37. Sodium carbonate - 100g

38. Tert- Butyl alcohol – 500ml x 5
39. Xylene – 500ml x 5

### **Glasswares**

1. BOD bottle ( 300ml) -10
2. Capillary tube
3. Chromatographic chamber – 3
4. Conical flask ( 250ml) - 5
5. Cover slip – 25packets
6. Desiccator set with cover and Porcelain plate (Borosil ) Nominal diameter:150mm - 1
7. Dropper – 10
8. Ganong's photometer – 1
9. Glass rod - 10
10. Glass slide – 10 packets
11. Gooch Crucible (low form with sintered disc)(Borosil), Capacity: 15ml, Porosity: 2mm – 4
12. Gooch Crucible (low form with sintered disc)(Borosil), Capacity: 30ml, Porosity: 3mm – 4  
Height: 205mm, Flange OD:213mm, – 1
13. Ninhydrin sprayer
14. Petridish (10cm diameter) – 10
15. Separating funnel (250ml) - 2
16. Specimen bottle – 10
17. Stain bottle – 15
18. Trough – 15ml diameter x 25
19. Tube for Gooch crucible (Borosil) (27×150) – 5
20. Tube for Gooch crucible (Borosil) (36×160) - 5

### **Miscellaneous**

1. Burette stand -5
2. Dryer - 1
3. Heating mantle – 500ml x1 (single unit)
4. Microtome blade sharpner - 1
5. Mortar and pestle - 5
6. Rubber cone for Bucher Funnel (capacity 15 ml)( L×W×H=10.2×5.1×5.1) - 5
7. Silicon Rubber Cork for 500 ml Filtration flask ( Hole: single)
8. Slide tray (aluminium)- 25

