



Chemistry Lab

Grand Asian University Sialkot



Instruments	Company name	Country name	Model No.	Type
Hot wave oven	DAIHAN Scientific Co. Ltd	South Korea	WHL-25A	Organic
Analytical balance	Sartorius	Germany	TE214S-22004193	
Fume Hood	Labconco	China	301000000	Organic

Chemicals	Amount	Chemicals	Amount
Cyclohexane (ACS Reagent < 99%)	4 Bottles	Sodium hydroxide	1 Kg
Chloroform	4 Bottles	Glycero	1 Ltr
Iron (III)nnitrate nonahydrate (ACS Reagent 98%)	1 Kg	Ethanol	1 Ltr
Sodium chloride (bioextra 99.5%)	1 Kg	Copper (II) acetate monohydrate	1 Kg
Poly (dimethylsiloxane)	500ml	Polyethylene glycol	1 Ltr
Nickel (II) chloride	1 Kg	Iron (III) chloride hexahydrate	1 Kg
Hydrazine bottle	1 Ltr	Polyvinylpyrrolidone	250g
2-nitroaniline	250g	Sodium borohydride	1 Kg
Dimethylglyoxime	25g	Aniline	1 Ltr
Silver nitrate	125ml	Nitrobenzene	1 Ltr
Oxalic Acid dihydrate	125ml	Ammonium hydroxide solution	2.5 Ltr
Salicylic Acid	125ml	Methano	1 Ltr
Lead (II) acetate trihydrate	-	Ethanol	-
Phosphoric Acid	250 ml	Mineral oil	1 Ltr
Silica gel blue	1 Kg	Paraffin liquid	1 Ltr
Phenolphthalein	1 Kg		

Glassware					
Name	Capacity	Quantity	Name	Capacity	Quantity
Glass reagent bottle	1000 ml	2	Beakers	1000 ml	3
	500 ml	12		250 ml	8
	250 ml	9		100 ml	3
	125 ml	11	Volumetric Flask	1000 ml	11
Flat bottom flask	1000 ml	5		250 ml	3
	250 ml	6		100 ml	2
Measuring cylinders	1000 ml	5	Flat-bottom Boiling Flask	50 ml	3
	500 ml	3		500 ml	5
	250 ml	10		100 ml	3
	100 ml	10	Pippet	10 ml	10
	50 ml	2		5ml	8
Conical flask	250 ml	3		2 ml	6
	100 ml	1	Separating funnel	1 ml	6
	50 ml	1		250 ml	3
Viscometer	-	5		125 ml	3