

## List of Requirements:

Sr. No.	Items	Size	Specification	Manufacturing / Packaging	Quantity
<b>Glasswares</b>					
1.	Round Bottom Flask	25 mL	24/29 socket (Cat No. 165/4)	JSGW (Jain Scientific Glass Works)	2 Piece
2.	Round Bottom Flask	100 mL	24/29 socket (Cat No. 165/9)	JSGW	2 Piece
3.	Round Bottom Flask	150 mL	24/29 socket (Cat No. 165/12)	JSGW	2 Piece
4.	Round Bottom Flask	250 mL	24/29 socket (Cat No. 165/15)	JSGW	2 Piece
5.	Allihn Condensor	400 mm length	24/29 cone & socket (Cat No. 134/12)	JSGW	1 Piece
6.	Coil Condensor	300 mm length	24/29 cone & socket (Cat No. 127/6)	JSGW	1 Piece
7.	Splash Head Adopter	100 mL Bulb Capacity	29/32 socket & 24/29 cone (Cat No. 168B/1B)	JSGW	2 Piece
8.	Expansion Adopter		24/29 socket & 14/23 cone (Cat No. 214/2)	JSGW	2 Piece
9.	Expansion Adopter		24/29 socket & 19/26 cone (Cat No. 214/3)	JSGW	2 Piece
10.	Adopter With Stopcock		24/29 cone (Cat No. 245A/3)	JSGW	2 Piece
11.	Adopter		24/29 cone (Cat No. 247A/3)	JSGW	2 Piece
12.	Separating Funnel	60 mL	Conical/Pear Shaped (Cat No. 280/2)	JSGW	1 Piece
13.	Separating Funnel	125 mL	Conical/Pear Shaped (Cat No. 280/3)	JSGW	1 Piece
14.	Separating Funnel	500 mL	Globe Shaped (Cat No. 283/5)	JSGW	1 Piece
15.	Pressure Equalizing Funnel	100 mL	24/29 cone & socket (Cat No. 296/2)	JSGW	1 Piece

16.	Chromatographic Column	Eff. Lgth = 45 cm & Out. Dia = 20 cm	24/29 socket (Cat No. 459/1)	JSGW	1 Piece
17.	Chromatographic Column	Eff. Lgth = 60 cm & Out. Dia = 30 cm	24/29 socket (Cat No. 459/3)	JSGW	1 Piece
18.	Reservoir for Chromatographic Column	100 mL	24/29 cone & socket (Cat No. 459B/1)	JSGW	1 Piece
19.	Reservoir for Chromatographic Column	250 mL	24/29 cone & socket (Cat No. 459B/2)	JSGW	1 Piece
20.	Stopcock Straight Bore		(Cat No. 501/2)	JSGW	2 Piece
21.	Stopcock for Aspirator		(Cat No. 510/1)	JSGW	1 Piece
22.	Stopcock Screw type		(Cat No. 516)	JSGW	2 Piece
23.	Dishes, Crystallizing	300 mL & O.D. × Hght =9.5 × 5.5 cm	Made from heat resistant, low expansion borosilicate glass (Cat. No. 71600 44)	RIVIERA	1 Piece
24.	Dishes, Crystallizing	900 mL & O.D. × Hght =14 × 7.5 cm	Made from heat resistant, low expansion borosilicate glass (Cat. No. 71600 54)	RIVIERA	2 Piece
<b>Solvents and Chemicals</b>					
25.	Anhydrous Sodium Sulphate	1 Kg		SRLChem/ Thermo Fisher/ Spectroch- em/ SD-Fine/ Finar	2
26.	Silica Gel 100-200 mesh	500 Gms		SRLChem/ Thermo Fisher/ Spectroch- em/ SD-Fine/ Finar	2
27.	Silicon Oil	1000 mL		SRLChem/ Thermo Fisher/ Spectroch- em/ SD-Fine/ Finar	1
28.	Silicone Grease	100 Gms		SRLChem/ Thermo Fisher/ Spectroch- em/ SD-Fine/ Finar	1

29.	5-Aminoisophthalic Acid	25 Gms		SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
30.	45% HBr in Acetic Acid	500 mL		SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
31.	Cupric Nitrate Trihydrate	250 Gms	98 %	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
32.	Cobalt (II) Chloride Hexa Hydrate	100 Gms	AR, 99 %	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
33.	Cobalt (II) Nitrate Hexa Hydrate	100 Gms	AR, 99 %	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
34.	Hexane	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
35.	Ethyl Acetate	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
36.	Methanol	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
37.	Dichloromethane (DCM)	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
38.	Chloroform	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
39.	Acetone	25 Ltr.	LR / AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
40.	N,N-Dimethylformamide (DMF)	1 Ltr.	For HPLC and UV Spectroscopy	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
41.	Ethanol Pure	500 mL		SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	3

*Agp/12*

42.	Acetonitrile	500 mL	99.5%	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	2
43.	Dried Acetonitrile	500 mL		SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1
44.	Tetrahydrofuran	500 mL	Extra pure, AR	SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	2
45.	Dried Tetrahydrofuran	500 mL		SRLChem/ Thermo Fisher/ Spectrochem/ SD-Fine/ Finar	1