

Annexure A

Material description: Chemicals for laboratory use.

Sl. No.	Description of Chemicals/Items	Grade of Chemical	Required Quantity
1	Silver nitrate (AgNO_3)	AR	250 g
2	EDTA disodium salt ($\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2\text{H}_2\text{O}$)	AR	2 kg
3	Ammonium thiocyanate (NH_4SCN)	AR	1.5 kg
4	Sodium acetate (CH_3COONa)	AR	3 kg
5	Stannous chloride (SnCl_2)	AR	2 kg
6	Ammonium heptamolybdate tetrahydrate ($(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$)	AR	250 g
7	Glycerol ($\text{CHOH}(\text{CH}_2\text{OH})_2$)	AR	5 litres
8	Ethyl acetate ($\text{CH}_3\text{COOC}_2\text{H}_5$)	AR	50 litres
9	Oxalic acid	AR	10 litres
10	Cation exchange resin (Dowex-50, Cross linking (DVB): 8%, 100-200 mesh)	-	2.5 kg
11	Anion exchange resin (Dowex-1, Cross linking (DVB): 8%, 100-200 mesh)	-	2.5 kg