

Sanatana Dharmma College

Dept . Of Chemistry

P.D. Purchase 2023-24

No	Item	Specification	Amount	GST	Qty	Total
1	ACTIVATED CHARCOAL-				500 G	
2	ACETONE				500 ML	
3	ACETONE				25 L	
4	AMMONIA				2.5 L	
5	AMMONIA				25 L	
6	AMMONIUM NITRATE				500 G	
7	AMMONIUM FERRIC SULPHATE				500 G	
8	AMMONIUM PHOSPHATE				500 G	
9	ALUMINIUM CARBONATE				500G	
10	ALUMINIUM NITRATE-				500G	
11	BARIUM CHLORIDE				500G	
12	BENZAMIDE-				500G	
13	BENZOIC ACID-				500G	
14	BETA CYCLODEXTRIN				25G	
15	BUTANOL				50ML	
16	BORSCHES REAGENTL				125ML	
17	CALCIUM FLOURIDE				500G	
18	CALCIUM NITRATE				500G	
19	CHLOROFORM-				500ML	
20	DI AMMONIUM HYDROGEN PHOSPHATE				500G	
21	ERIOCHROME BLACK-T				25G	
22	ETHER - 500 ML				500ML	
23	ETHER - 25 L				25L	
24	ETHYL ACETATE-2.5L				2.5L	
25	ETHANOL-500ML				500ML	
26	FERRIC CHLORIDE				500G	
27	FEROUS AMMONIUM SULPHATE				500G	
28	FEROUS SULPHATE				500G	
29	GLACIAL ACETIC ACID				2.5L	
30	HEXANE				500ML	
31	HYDROCHLORIC ACID				2.5L	
32	HYDROCHLORIC ACID				25L	
33	HYDROGEN PEROXIDE				500ML	
34	HYDROXY ETHYL CELLULOSE				500G	
35	IODINE BALLS				250G	
36	LANTHANUM NITRATE				500G	
37	METHYL ORANGE				500ML	
38	METHYL ACETATE				500G	
39	MAGNESIUM CHLORIDE				500G	
40	MAGNESIUM NITRATE				500G	
41	MAGNESON REAGENT				125ML	
42	MERCURIC CHLORIDE				250G	
43	MOLISCH REAGENT				125ML	
44	NESSLER'S REAGENT				125ML	
45	OXALIC ACID				500G	
46	PHENOLPHTHALEIN				500ML	

All Chemicals should be AR grade with purity >99, and Assay ≥99.5%

47	PROPANOL			500ML	
48	PHENOL			500ML	
49	P-NITRO PHENOL			500ML	
50	PHENYL HYDRAZINE HYDROCHLORIDE			100G	
51	PARACETAMOL			100G	
52	POTASSIUM CHLORIDE			100G	
53	POTASSIUM IODIDE			100G	
54	POTASSIUM HEXA CYANO FERRATE			500G	
55	POTASSIUM OXALATE			500G	
56	HYDROXY ETHYL CELLULOSE			500G	
57	POTASSIUM OXALATE			500G	
58	SULPHURIC ACIDT			2.5L	
59	SULPHURIC ACID			25L	
60	SILICA GEL WITH BINDER FOR			500G	
61	SODIUM BICARBONATE			500G	
62	SODIUM BISULPHITE- 500G			500G	
63	SODIUM HYDROXIDE PELLET			500G	
64	SODIUM THIOSULPHATE (GRANULES)			500G	
65	SILVER NITRATE- 100 G			100G	
66	TOLUENE-			500ML	
67	WHATMAN NO.40 FILTER PAPER			1PKT	
68	WHATMAN NO.41 FILTER PAPER			1PKT	
69	ZINC CHLORIDE ANHYDROUS			500G	
70	ZINC NITRATE			500G	
71	FILTER PAPER SHEETS			100	
72	WHATMAN NO.40 FILTER SHEETS			50	

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LIST OF GLASSWARES

1	STANDARD FLASK (100 ML)				
2	STANDARD FLASK (250 ML)				
3	STANDARD FLASK (500 ML)				
4	STANDARD FLASK (1 LITRE)				
5	WEIGHING BOTTLE – STD. TYPE				
6	STOPPERED BOTTLE – STD. TYPE				
7	BURETTE – 100ML				
8	AUTOMATIC PIPETTE DISPENSER				
9	IODINE FLASK – STD. TYPE				
10	VISCOMETER – STD.TYPE				
11	CONICAL FLASK (25ML)				
12	RB FLASK WITH CONDENSER (250ML) 19/2				
13	MEASURING JAR (5ML)				
14	MEASURING JAR (10ML)				
15	MEASURING JAR (25ML)				
16	MEASURING JAR (50ML)				
17	MEASURING JAR (100ML)				
18	RUBBER BULB FOR PIPETTING				
19	TEST TUBE BOROSIL (7ML)				
20	TEST TUBE BOROSIL (15ML)				
21	CENTRIFUGE TUBE	1.5CM DIA, MADE WITH PLASTIC			
22	BEAKER (500 ML)				

All glass items should be made with thermal resistant Borosilicate glass

23	BEAKER (250 ML)					
24	BEAKER (100 ML)					
25	BEAKER(50 ML)					
26	WATCH GLASS STD. TYPE	STD.TYPE				
27	GLASS ROD – 1 KG				1KG	
28	WIRE GAUZE-	STD.TYPE				
29	TRIPOD STAND (BIG)	BIG				
30	NEEDLE MAGNETIC BEAD	STD.TYPE				
31	SENSITIVE THERMOMETER					
32	FUNNEL (BIG)	BIG				
33	FUNNEL (SMALL)	SMALL				
Other Equipment						
1	DIGITAL POTENTIOMETER WITH ELECTRODES	Range- 0 - + 199.9 mV, 0 - + 1999mV, Resolution - 0.1 mV Display-3 1/2 Digit 0.5" 7-Segment LED Power - 230 V $\pm 10\%$ AC, 50 Hz.				
2	DIGITAL CONDUCTIVITY METER WITH ELECTRODE	Conductivity Range 0 To 200 μ S/cm 0 to 2 mS/cm 0 to 20 mS/cm 0 to 200 mS/cm 0 to 1000 mS/cm Resolution 0.1mS/cm Accuracy $\pm 1\%$ FS ± 1 Digit Temperature CompensationMa nual : 0 to 0 50 degreeC Cell Constant Adjustable on Digital Display Measuring Cell - Platinum DIP Type Power-230V $\pm 10\%$ AC, 50 Hz				

3	DIGITAL PH.METER	<p>Range 0-14/ ± 1999</p> <p>Resolution 1</p> <p>Accuracy ± 0.1%</p> <p>Range ±2 counts</p> <p>pH Relative Accuracy : ±0.02 pH</p> <p>Readability 0.01</p> <p>Repeatability ± 0.01</p> <p>Stability ± 0.05 in 8 hrs</p>				
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