



SRI AUROBINDO COLLEGE

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श्री अरविन्द महाविद्यालय
(दिल्ली विश्वविद्यालय)
मालवीय नगर, नई दिल्ली-110017

Ref. No. SAC/2022/1361

Dated
18.02.2022

Invitation for Quotations in Department of Chemistry

Sealed quotations are invited for purchasing chemicals (mentioning rate of discount on companies rate list), glassware and instruments in Chemistry Department. The list of items is enclosed in Annexure- I. The sealed quotation superscribed "*Quotation for Chemistry Department*" should reach *Department of Chemistry, Sri Aurobindo College, Malviya Nagar, New Delhi – 110017* latest by 3.00 p.m. on 02.03.2022.


(Teacher-in-charge)
chemistry


PRINCIPAL
प्राचार्य (कार्यवाहक)
PRINCIPAL (OFFG.)
श्री अरविन्द महाविद्यालय
SRI AUROBINDO COLLEGE
मालवीय नगर, नई दिल्ली-17
Malviya Nagar, New Delhi-17

Department of Chemistry

Annexure -1

List of Chemicals

S. No.	Name of Chemical	Quantity	No. of Bottles
1.	Ammonium Thiocyanate	2	500gm
2.	Carbon Tetrachloride	2	500mL
3.	Glycerin	2	500mL
4.	Resorcinol	2	500gm
5.	Vacuum Grease	2	100gm
6.	Sodium Metal	2	500gm
7.	Toluene	2	500mL
8.	Oxalic Acid	2	500gm
9.	Hydroxylamine Hydrochloride	1	500gm
10.	Disodium salt of EDTA	2	500gm
11.	Ammonium Chloride	2	500gm
12.	Cupric Nitrate	2	500gm
13.	Zinc Sulphate	2	500gm
14.	Manganese Acetate	1	100gm
15.	Zinc Acetate	1	100gm
16.	Cobalt acetate	1	100gm
17.	Nickel Acetate	1	100gm
18.	Potassium Dichromate	1	500gm
19.	Methanol	4	500mL
20.	Salicylic Acid	1	500gm
21.	Salicylaldehyde	1	500mL
22.	Acetone	2.5 lit	2
23.	Acetophenone	500 ml	2
24.	Liquid Ammonia	2.5 lit	3
25.	Ammonium Chloride	500 gm	1
26.	Ferrous Ammonium Sulphate	500 gm	2
27.	Aniline	500 ml	4
28.	Benzoic Acid	500 gm	3
29.	Benzophenone	250 gm	2
30.	Benzoyl Chloride	500 ml	2
31.	Benzaldehyde	500 ml	2
32.	Bromine Water	500 ml	4
33.	Boric Acid	500 gm	2
34.	n-Butanol	2.5 lit	2
35.	Carbon tetrachloride	500 ml	2
36.	Calcium Chloride	500 gm	2
37.	Copper Sulphate	500 gm	2
38.	Copper Sulphate (Anhydrous)	500 gm	2
39.	2,4-dinitrophenylhydrazine	100 gm	2
40.	Methyl Ethyl ketone	500 ml	2
41.	Ethanol	500 ml	20

Signature

42.	Hydrochloric Acid	2.5 lit	4
43.	Ferrous Sulphide	1 Kg	5
44.	Lead Acetate	500 gm	1
45.	Lead Nitrate	500 gm	1
46.	Methyl Red	125 ml	4
47.	Nitric Acid	2.5 lit	4
48.	Oxalic Acid	500 gm	1
49.	Orthophosphoric acid	2.5 lit	2
50.	Phosphoric Pentachloride	500 ml	2
51.	Potassium hydroxide	500 gm	2
52.	Picric Acid	100 ml	3
53.	Potassium chromate	500 gm	4
54.	N-phenyl Anthranilic acid	25 gm	1
55.	Sodium potassium tartrate	500 gm	1
56.	Potassium carbonate	500 gm	2
57.	Sodium Nitrite	500 gm	1
58.	Sodium Hydroxide	500 gm	4
59.	Starch	500 gm	1
60.	Sulphuric Acid	2.5 lit	4
61.	Potassium dichromate	500 gm	4
62.	Diethyl ether	500 ml	1
63.	EDTA	100 gm	1
64.	Ferrous sulphate	500 gm	1
65.	Manganous sulphate	500 gm	1
66.	Methanol	500 ml	2
67.	Ninhydrin solution	125 ml	2
68.	Lauryl alcohol	500 ml	1
69.	Silica gel 60-120mesh	500 gm	1
70.	Zinc chloride	100 gm	1
71.	Anthracene	100 gm	2
72.	Ammonium Nickel Sulphate	500 gm	1
73.	Benzyl alcohol	500 ml	1
74.	Benzyl bromide	500 ml	1
75.	Glucose	100 gm	2
76.	Hydroxylamine hydrochloride	100 gm	1
77.	Sodium meta silicate	100 gm	1
78.	Potassium Ferricyanate	100 gm	1
79.	Benzoyl peroxide	100 ml	1
80.	Paraffin oil light	2.5 lt	1
81.	p-Toluidine	500 gm	1
82.	Bee wax yellow	500 gm	2
83.	Sodium lauryl sulphate	500 gm	1
84.	Semicarbazide hydrochloride	100 gm	1
85.	Cobalt nitrate	100 gm	1
86.	Cobalt sulphate	100 gm	1
87.	Cobalt thiocyanate	100 gm	1
88.	Cobalt perchlorate	100 gm	1
89.	Cobalt chloride	100 gm	1

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90.	Magnesium stearate		
91.	Triethanol amine	500 ml	l
92.	Lauryl alcohol	500 gm	l
93.	Benzyl chloride	500 ml	l
94.	Isovaniline	100 gm	l
95.	Chitosan		
96.	Pyrrrol		
97.	Thiophene		
98.	AuCl ₃		
99.	POCl ₃		
100.	CeCl ₃		
101.	Hg(NO ₃) ₂		
102.	Pb(NO ₃) ₂		
103.	Dopamine		
104.	Cellulose powder		
105.	Uric acid		
106.	Lactic acid		
107.	Choletiol		
108.	Sodium Alginate		
109.			

diagram

List of glassware

S. No.	GLASSWARE APP	COMPANY	QUANTITY
1.	Weighing Bottle	Borosil	30
2.	Volumetric Flask 500 ml	Borosil	05
3.	Volumetric Flask 1000 ml	Borosil	05
4.	Test Tube 10 ml	Borosil	200
5.	Reagent Bottle with stopper 100ml	Borosil	24
6.	Reagent Bottle 1000ml	Borosil	24
7.	Round Bottom flask 100ml	Borosil	24
8.	Round Bottom flask 100ml Two Necked	Borosil	12
9.	Round Bottom flask 100ml Three Necked	Borosil	12
10.	Measuring Cylinder 10ml	Borosil	12
11.	Measuring Cylinder 100ml	Borosil	12
12.	Thermometer 360°C (Small)	Borosil	36
13.	Thermometer 110°C (Long)	Borosil	36
14.	Thermal Thermometer	Borosil	05
15.	Chromatography Jar (small length)	Borosil	10
16.	Gas Passing Tube	Borosil	24
17.	Burette 50ml	Borosil	30
18.	Conical Flask 100ml with stopper	Borosil	36
19.	Spraying bottle	Borosil	05
20.	Sintered Glass Crucible G-4	Borosil	24
21.	China Dish		60
22.	Distillation unit with mercury cap	Borosil	20
23.	Beaker 50ml	Borosil	24
24.	Beaker 100ml	Borosil	60
25.	Beaker 1000ml	Borosil	12
26.	Pipette with pumping bulb 10ml	Borosil	12
27.	Funnel 3"	Borosil	50
28.	Mortar pastel		02
29.	Mortar pastel small		02
30.	Beaker 100 mL	Borosil	20
31.	Beaker 200 mL	Borosil	20
32.	Burette	Borosil	50
33.	Conical flask with stopper 100 mL	Borosil	30
34.	Separating Funnel 250 mL	Borosil	15
35.	Thermos Flask 500 mL		5
36.	Volumetric Flask 1 L	Borosil	5
37.	Volumetric Flask 2 L	Borosil	5
38.	Pinch Clamp		20
39.	Weighing Bottle		50



List of Instruments

S. No.	Instrument	Company Name	Quantity
1.	pH meter	Elico	04
2.	Colorimeter	Elico	20
3.	Muffle furnace	Unitech	01
4.	Centrifuge Machine with tubes	Remi	01
5.	Melting point apparatus	Khera	15
6.	Digital weighing balance (up to five decimal place)	Sartorius	01
7.	Magnetic stirrer with heating	Khera	02
8.	Sanitizer dispenser	Kent	02
9.	Magnetic beads (of different size1)		10

