

Annexure

Annual Requirement of Chemicals

S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
1	4:033:001:008	Acetone	EMPLURA	05	Merck	2.5	10			
2	4:033:001:032	Acetic acid glacial	EMPLURA	05	Merck	0.5	1.0			
3	4:033:001:033	Alcohol absolute		05	China	0.5	30			
	400033 001 168	Ammonium bicarbonate	EMPLURA	03	Merck	0.5	0.5			
	400033 001 015	Ammonium carbonate	EMPARTA	03	Merck	0.5	0.5			
4	4:033:001:022	Aluminium nitrate	EMPLURA	03	Merck	0.5	50			
5	4:033:001:001	Ammonium ferrous sulphate hexahydrate	EMPARTA	03	Merck	0.5	05			
6	4:033:001:002	Ammonium chloride	EMPARTA	03	Merck	0.5	0.5			
7	4:033:001:007	Ammonium oxalate	EMPARTA	03	Merck	0.5	0.5			
8	4:033:001:046	Ammonium molybdate (Ammonium heptamolybdate)	EMPARTA	03	Merck	01	01			
9	4:033:001:642	Barium diphenylamine Sulphonate	EMPARTA	03	Merck/ SRL /Rankem	0.025	0.025			
10	4:033:001:051	Barium chloride dihydrate	EMPARTA	03	Merck	0.5	20			

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S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
11	4:033:001:701	Buffer tablet, pH 4.01(10 sachet)		09	Merck		10			
12	4:033:001:702	Buffer tablet, pH 6.99/7.0 (10 sachet)		09	Merck		10			
13	4:033:001:705	Buffer tablet, pH 9.0 (10 sachet)		09	Merck		10			
14	400033001074	Calcium carbonate	EMPLURA	03	Merck	0.5	0.5			
15	400033001089	Calcium nitrate	EMPLURA	03	Merck	0.5	0.5			
16	400033001169	Calcium oxide powder	EMPLURA	03	Merck	0.5	0.5			
17	4:033:001:146	Diammonium hydrogen phosphate	EMPARTA	03	Merck	0.5	0.5			
18	4:033:001:151	Ethyl acetate	EMPLURA	05	Merck	2.5	150			
19	4:033:001:153	Eriochrome Black-T	EMPARTA	03	Merck	0.25	0.25			
20	4:033:001:157	Ethylene diamine tetra acetic acid disodium salt	EMPARTA	03	Merck	0.1	0.1			

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S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
21	400033001165	Ethylene glycol	EMPARTA	09	Merck	0.5	0.5			
22	40003300155	Ethyl Methyl Ketone	EMPARTA	09	Merck	0.5	2			
23	4:033:001:175	Ferric nitrate	EMPARTA	03	Merck	0.5	02			
24	400033001166	nHexane	EMPARTA	09	Merck	0.5	2			
25	400033001210	Hexamine	EMPARTA	09	Merck	0.5	0.5			
26	4:033:001:207	Hydrochloric acid 35%	EMPLURA	05	Merck	0.5	20			
27	4:033:001:211	Hydrochloric acid 37%	EMPARTA	05	Merck	2.5	100			
28	4:033:001:208	Hydrogen peroxide 30%	EMPARTA	05	Merck	0.5	50			
29	4:033:001:209	Hydrofluoric acid 48%	EMPARTA	05	Merck	0.5	40			
30	400033001167	Iodine resublimed	EMPARTA	05	Merck	0.1	0.1			

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NOTE:-

1. Unit code: 03 = Kilogram, 05 = Litter, 09 = Box
2. Purity Grade AR/GR is equivalent to Merck EMPARTA grade and LR is equivalent to Merck EMPLURA grade.
3. Copy of the MSDS for each item may be supplied along with material.
4. The quotation should be accompanied by original pamphlets.
5. Dealership/ Authorization certificate from the manufacturer must be attached for the current financial year.
6. List of users in India, Name, address and telephone numbers of the user.
7. Detailed manufacturer's original catalogue should be enclosed containing current price list.

A handwritten signature in purple ink, appearing to be 'A. I. I. I.', is located in the lower right quadrant of the page.

S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
31	4:00033:001150	Isobutyl methyl ketone	EMPARTA	09	Merck	0.5	2.0			
32	4:033:001:301	Methyl orange indicator	EMPARTA	03	Merck	0.025	0.1			
33	4:033:001:335	Nitric acid -70%	EMPLURA	05	Merck	2.5	150			
34	4:033:001:339	Nitric acid	EMPARTA	05	Merck	0.5	20			
35	4:033:001:355	Orthophosphoric acid (88%)	EMPARTA	05	Merck	0.5	10			
36	4:033:001:509	Phenolphthalein indicator	EMPARTA	03	Merck	0.05	0.1			
37	4:033:001:650	Buffer solution pH 4.00		09	Merck	0.5	01			
38	4:033:001:651	Buffer solution pH 7.00		09	Merck	0.5	01			
39	4:033:001:652	Buffer solution pH 10.00		09	Merck	0.5	01			
40	4:033:001:449	pH paper 1-10 with colour chart		09	Merck		10			
39	4:033:001:098	pH paper 1-14 with colour chart		09	Merck		10			
40	4:033:001:521	Potassium chloride	EMPARTA	03	Merck	0.5	1.0			

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S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
41	4:033:001:065	Potassium dichromate		03	Merck	0.1	1.0			
42	400033001148	Potassium carbonate	EMPLURA	03	Merck	0.5	1.0			
43	400033001149	Potassium bicarbonate	EMPLURA	03	Merck	0.5	1.0			
44	4:033:001:530	Potassium Hydroxide	EMPARTA	03	Merck/Rankem	0.5	0.5			
45	400033001083	Potassium permanganate	EMPARTA	03	Merck	0.5	0.5			
46	4:033:001:603	Silver nitrate	EMPARTA	03	Merck	0.025	0.05			
47	4:033:001:610	Sodium bicarbonate	EMPLURA	03	Merck	0.5	30			
48	4:033:001:612	Sodium carbonate	EMPARTA	03	Merck	0.5	30			
49	4:033:001:614	Sodium chloride	EMPARTA	03	Merck	0.5	0.5			
50	4:033:001:620	Sodium fluoride	EMPARTA	03	Merck	0.5	20			

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S. No.	Material code	Description of materials	Grade	Unit code	Make	Packing	Quantity	Stock	Due	Consumption
51	4:033:001:626	Sodium oxalate purified	EMPLURA	03	Merck	0.5	1.0			
52	4:033:001:623	Sodium nitrate	EMPLURA	03	Merck	0.5	30			
53	4:033:001:630	Sodium sulphate (Anhydrous)	EMPARTA	03	Merck	0.5	05			
54	4:00033:001:637	Starch soluble	EMPARTA	03	Merck	0.5	1.0			
55	4:033:001:641	Sulphamic acid purified	EMPLURA	03	Merck	0.5	2.0			
56	4:033:001:654	Sulphuric acid 98%	EMPARTA	05	Merck	0.5	50			
57	4:033:001:643	Sulphuric acid 98% Pure	EMPLURA	05	Merck	2.5	5			
58	4:033:001:714	Tri-n-butyl phosphate	EMPARTA	05	SRL	0.5	30			
59	4:00033:001:147	Tetra Sodium pyrophosphate	EMPARTA	05	Merck	0.5	1.0			
60	4:033:001:131	Uranium solution, 1000 µg/mL		05		0.1	0.1			

S. No.	Previous Reference	Previous Supplier	Previous Rate
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