

Sr. No.	Item Name	Pak Size	Qty.
1.	Vanillin extrapure AR, 25Gm	25gm	1
2.	Iodine Resublimed AR ACS, 100Gm	100gm	1
3.	Ceric Sulphate Tetrahydrate extrapure AR, 25Gm	25gm	2
4.	Potassium Dihydrogen Orthophosphate extrapure AR, 500Gm	500gm	1
5.	Polyethylene Glycol 4000 Exiplus, 500Gm	500gm	1
6.	Polyethylene Glycol 3350 ExiPlus Multi Compendial, 500Gm	500gm	1
7.	D Sorbitol Powder for molecular biology, 500Gm	500gm	1
8.	Lithium Acetate Dihydrate ultrapure, 100Gm	100gm	1
9.	Xylene Cyanol FF extrapure AR, 5Gm	5gm	1
10.	Bromophenol Blue ACS ExiPlus Multi Compendial, 25Gm	25gm	1
11.	Magnesium Chloride Hexahydrate for molecular biology, 250Gm	250gm	1
12.	MES Monohydrate Buffer for molecular biology, 100Gm	100gm	1
13.	HEPES Sodium Salt extrapure, 25Gm	25gm	1
14.	Dimethyl Sulphoxide extrapure AR ACS ExiPlus Multi Compendial, 500ML	500ml	2
15.	Potassium Phosphate Dibasic Anhydrous extrapure AR, 500Gm	500gm	1
16.	Sodium Chloride ACS, 500Gm	500gm	2
17.	Sodium Hydroxide Pellets ACS, 500Gm	500gm	2
18.	Potassium Hydroxide Pellets extrapure AR ACS ExiPlus Multi Compendial, 500Gm	500gm	1
19.	Sodium Acetate Trihydrate extrapure AR, 500Gm	500gm	1
20.	Isoamyl Alcohol extrapure AR 99 percent, 500ML	500ml	2
21.	Sodium Phosphate Monobasic Anhydrous extrapure AR 99 Percent, 500Gm	500gm	1
22.	Sodium Phosphate Dibasic Anhydrous extrapure AR 99 percent , 500Gm	500gm	1
23.	Chloroform extrapure AR 99 percent, 2500ML	2500ml	2
24.	Polyethylene Glycol 6000 ExiPlus Multi Compendial, 500Gm	500gm	1
25.	Sodium Lauryl Sulphate for molecular biology 99 Percent, 100Gm	100gm	1
26.	Calcium Chloride Dihydrate for molecular biology, 500Gm	500gm	1
27.	EDTA Disodium Salt Dihydrate extrapure AR 99 percent, 500Gm	500gm	2
28.	Tris Buffer AR ACS for molecular biology 99 percent, 500Gm	500gm	3
29.	Ethidium Bromide for molecular biology, 1Gm	1gm	1
30.	Potassium Chloride extrapure AR, 500Gm	500gm	1
31.	Isopropyl B D Thiogalactopyranoside for MB, 1Gm	1gm	1
32.	X Gal for molecular biology, 100MG	100mg	1
33.	Manganese II Chloride Tetrahydrate extrapure ACS, 500Gm	500gm	1
34.	N N Dimethylformamide for molecular biology, 500ML	500ml	1
35.	Anisaldehyde extrapure, 100ML	100ml	1
36.	Charcoal Activated 280 extrapure , 500Gm	500gm	1
37.	Charcoal Activated 950 Granular extrapure, 500Gm	500gm	1
38.	Glycerol for molecular biology, 500ML	500ml	2
39.	Agarose Low EEO for molecular biology, 25Gm	25gm	2

Specification Sheet

S.No.	Name of chemicals	Specifications
1.	Vanillin extrapure AR, 99%	CAS No: 121-33-5 Purity: 99% (AR grade) Molecular weight: 152.15 Form: Crystalline powder
2.	Iodine Resublimed AR, ACS, ExiPlus, Multi-Compendial, 99.8%	CAS No: 7553-56-2 Purity: 99.8% (AR, ACS grade) Molecular weight: 126.90 Form: Crystalline scales/balls
3.	Ceric Sulphate Tetrahydrate extrapure AR, 80%	CAS No: 10294-42-5 Purity: 80% (AR grade) Molecular weight: 404.30 Form: Crystalline powder
4.	Potassium Dihydrogen Orthophosphate extrapure AR, 99.5%	CAS No: 7778-77-0 Purity: 99.5% (extrapure AR grade) Molecular weight: 136.09 Form: Crystalline powder
5.	Polyethylene Glycol 4000 (PEG 4000) ExiPlus, Multi-Compendial	CAS No: 25322-68-3 Exiplus grade Molecular weight: 3500 - 4500 Form: waxy solid/flakes
6.	Polyethylene Glycol 3350 (PEG 3350) ExiPlus, Multi-Compendial	CAS No: 25322-68-3 ExiPlus grade Molecular weight: 3000-3500 Form: Crystalline flake Use: Yeast transformation
7.	D-Sorbitol Powder for molecular biology, 98%	CAS No: 50-70-4 Purity: 98% (MB grade) Molecular weight: 182.18 Form: Crystalline powder
8.	Lithium Acetate Dihydrate ultrapure, 99%	CAS No: 6108-17-4 Purity: 99% (ultrapure grade) Molecular weight: 102.02 Form: Crystalline powder Use: Yeast transformation
9.	Xylene Cyanol FF extrapure AR, ExiPlus, Multi-Compendial	CAS No: 2650-17-1 Extrapure ACS, ExiPlus grade Molecular weight: 538.6 Form: Crystalline powder Use: as a loading dye
10.	Bromophenol Blue ACS, ExiPlus, Multi-Compendial	CAS No: 115-39-9 ACS, ExiPlus grade Molecular weight: 669.99 Form: Crystalline powder Use: as a loading dye
11.	Magnesium Chloride Hexahydrate for molecular biology, 99.5%	CAS No: 7791-18-6 Purity: 99% (MB grade) Molecular weight: 203.30 Form: Crystalline powder Use: buffer preparation
12.	MES Monohydrate Buffer for molecular biology, 99%	CAS No: 145224-94-8 Purity: 99% (MB grade) Molecular weight: 213.25 Form: Crystalline powder Use: buffer preparation
13.	HEPES Sodium Salt extrapure, 99%	CAS No: 75277-39-3 Purity: 99% (extrapure) Molecular weight: 260.29 Form: Crystalline powder

		Use: buffer preparation
14.	Dimethyl Sulphoxide (DMSO) extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.9%	CAS No: 67-68-5 Purity: 99.9% (AR, ACS grade) Molecular weight: 78.13 Form: colourless liquid Use: Cell preservation
15.	Potassium Phosphate Dibasic Anhydrous extrapure AR, 99.5%	CAS No: 7758-11-4 Purity: 99.5% (extrapure AR grade) Molecular weight: 174.18 Form: Crystalline powder
16.	Sodium Chloride ACS, 99.9%	CAS No: 7647-14-5 Purity: 99.9% (ACS grade) Molecular weight: 58.44 Form: Crystalline powder Use: buffer preparation
17.	Sodium Hydroxide Pellets ACS, 98%	CAS No: 1310-73-2 Purity: 98% (ACS grade) Molecular weight: 40.0 Form: Hygroscopic pellets Use: buffer preparation
18.	Potassium Hydroxide Pellets extrapure AR, ACS, ExiPlus, Multi-Compendial, 85%	CAS No: 1310-58-3 Purity: 85% (AR, ACS grade) Molecular weight: 56.11 Form: Hygroscopic pellets Use: buffer preparation
19.	Sodium Acetate Trihydrate extrapure AR, 99.5%	CAS No: 6131-90-4 Purity: 99.5% (AR grade) Molecular weight: 136.08 Form: Crystalline powder Use: buffer preparation
20.	Isoamyl Alcohol (Isopentyl Alcohol) extrapure AR, 99%	CAS No: 123-51-3 Purity: 99% Molecular weight: 88.15 Form: Colourless liquid Use: DNA isolation
21.	Sodium Phosphate Monobasic Anhydrous extrapure AR, 99%	CAS No: 7558-80-7 Purity: 99% Molecular weight: 119.98 Form: Crystalline powder Use: buffer preparation
22.	Sodium Phosphate Dibasic Anhydrous extrapure AR, 99%	CAS No: 7558-79-4 Purity: 99% Molecular weight: 141.96 Form: Crystalline powder Use: buffer preparation
23.	Chloroform extrapure AR, 99.5%	CAS No: 67-66-3 Purity: 99.5% Molecular weight: 119.38 Form: Colourless liquid Use: DNA isolation
24.	Polyethylene Glycol 6000 (PEG 6000) ExiPlus, Multi-Compendial	CAS No: 25322-68-3 ExiPlus grade Molecular weight: 5000-7000 Form: white flakes/powder Use: DNA isolation
25.	Sodium Lauryl Sulphate (SDS, SLS) for molecular biology, 99%	CAS No: 151-21-3 Purity: 99% Molecular weight: 288.38 Form: Crystalline powder Use: DNA isolation

26.	Calcium Chloride Dihydrate for molecular biology, 99.5%	CAS No: 10035-04-8 Purity: 99.5% (Molecular Biology grade) Molecular weight: 147.02 Form: Crystalline powder Use: buffer preparation
27.	EDTA Disodium Salt Dihydrate extrapure AR, 99.5%	CAS No: 6381-92-6 Purity: 99.5% Molecular weight: 372.24 Form: Crystalline compound Use: buffer preparation
28.	Tris Buffer AR, ACS for molecular biology, 99.9%	CAS No: 77-86-1 Purity: 99.9% (Molecular Biology grade) Molecular weight: 121.14 Form: Crystalline powder Use: buffer preparation
29.	Ethidium Bromide for molecular biology, 95%	CAS No: 1239-45-8 Purity: 95% (Molecular biology grade) Molecular weight: 394.32 Form: Crystalline Powder Use: preparation of agarose gels (visualization)
30.	Potassium Chloride extrapure AR, 99.5%	CAS No: 7447-40-7 Purity: 99.5% (AR grade) Molecular weight: 74.55 Form: Crystalline powder Use: buffer preparation
31.	Isopropyl-B-D-Thiogalactopyranoside (IPTG) (dioxan-free) for MB, 99%	CAS No: 367-93-1 Purity: 99% (MB grade) Molecular weight: 238.31 Form: Crystalline powder Use: bacterial induction (protein)
32.	5-Bromo-4-Chloro-3-Indolyl-b-D-Galactopyranoside (X-Gal) for molecular biology, 98%	CAS No: 7240-90-6 Purity: 98% (MB grade) Molecular weight: 408.61 Form: Crystalline powder Use: bacterial selection
33.	Manganese (II) Chloride Tetrahydrate extrapure ACS, 99%	CAS No: 13446-34-9 Purity: 99% (extrapure) Molecular weight: 197.90 Form: Crystalline powder to crystal Use: buffer preparation
34.	N,N-Dimethylformamide (DMF) for molecular biology, 99.9%	CAS No: 68-12-2 Purity: 99.9% (MB grade) Molecular weight: 73.10 Form: colourless liquid Use: Solution preparation
35.	Anisaldehyde extrapure, 99%	CAS No: 123-11-5 Purity: 99% (extrapure) Molecular weight: 136.15 Form: Colourless to pale yellow liquid
36.	Charcoal Activated (280) extrapure AR, ACS, ExiPlus, Multi-Compendial	CAS No: 7440-44-0 Purity: AR, ACS grade Molecular weight: 12.01 Form: Fine powder
37.	Charcoal Activated (950) Granular extrapure	CAS No: 7440-44-0 Granular extrapure Molecular weight: 12.01 Form: Black granular compound
38.	Glycerol (Glycerine) for molecular biology, 99.5%	CAS No: 56-81-5 Purity: 99.5% Form: Colourless liquid Use: cryoprotectant

39.	Agarose Low EEO for molecular biology	CAS No: 9012-36-6 Molecular Biology Form: Free flowing powder Use: gel preparation
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Note: Bidders shall read the Specifications/Terms and Conditions carefully and supply the complete consignment on or before the due date. In case of part supply and/or supply after due date LD charges shall be applicable as per GeM Terms & Conditions