

Technical Specification & Compliance

Item and Name	Component Description	Minimum Specifications	Bidder's Response (Yes/No)	If "No" comment/s on the offer
01.	Falcon tube (50 ml)	Type: Falcon/ conical centrifuge tube with screw cap Base: conical Graduated, Transparent Capacity 50 mL, dia: 30 mm Material: PP/ HDPE		
02.	Falcon tube (15 ml)	Type: Falcon/ conical centrifuge tube with screw cap Base: conical Graduated, Transparent Capacity 15 mL, dia: 15-18 mm Material: PP/ HDPE		
03.	Durham tube	Size: 35 X 6 mm Glass Base: round bottom With straight rim		
04.	Vial/centrifuge tube (5 ml)	Base: conical (Eppendorf type) Graduated, Transparent Capacity 5 mL, dia: 10 -12 mm Material: PP/ HDPE		
05.	Sample vial (2ml) HPLC	For HPLC analysis Clear glass vial with lid 2 mL, Screw thread Diameter: 9 mm		
06.	HPLC Column (C-18)	RP HPLC Column Type: C-18 Size: 250 mm X 4.6 mm Assay: 99%		
07.	Affinity column)	Aflatoxin B1, B2, G1 &G2 Mixture 1- 3mL 25 columns/pack		
08.	Filter paper	Diameter:90 mm		

		Fast Qualitative (100 papers/pack)		
09.	Glass fiber filter papers	Ash less, Fast 90 mm 100 papers/pack		
10.	Petri dish (75 mm)	Material: Borosilicate glass Size: 75 mm With lid Autoclave safe, reusable		
11.	Round bottom Flask (1L)	Single neck, Quick fit 29/32 Material: Borosilicate glass Shape: Pear shaped flask Round bottom		
12.	Conical flask- 250 ml	Borosilicate glass, Shape: Conical, Narrow neck Capacity 250 ml Transparent, Graduated		
13.	Conical flask- 50 ml	Borosilicate glass, Shape: Conical, Narrow neck Capacity 50 ml Transparent, Graduated		
14.	Test tubes with screw caps	Glass, autoclavable with screw caps Dimensions- 16 cm × 1.5 cm		
15.	Mortar & pestle	Porcelain, Thick walled Capacity: 260 - 320 mL Internal diameter (top): 100-110 mm		
16.	Beakers (100ml)	Material: Borosilicate glass Size: 100 mL Graduated		
17.	Dichloran rose bengal agar	Material: Borosilicate glass, 0.5 mL graduation Capacity: 25 mL Hexagonal base for stability		
18.	Petri dishes –Large (100 × 20 mm)	Material: Borosilicate glass		

		Size: 100 mm X 20 mm With lid Autoclave safe, reusable		
19.	Reagent bottles	Material: Borosilicate glass Capacity: 250 mL Cap with thread and pouring ring Color: Amber		
20.	Measuring Cylinder –5 ml	Material: Borosilicate glass, 0.5 mL graduation Capacity: 5 mL Hexagonal base for stability		
21.	Separating funnels (100 ml)	Material: Borosilicate glass, Capacity: 100 mL Glass stopper & PTFE key stopcock Pear shape		
22.	Micro Kjeldahl flasks (50 ml)	Material: High quality Borosilicate glass Capacity: 30 - 50 mL Round bottom flask with Long neck Can withstand high temperatures & thermal shocks		
23.	Glass spreaders	Borosilicate glass Shape: Tubular Diameter of the tube: less than 2 mm Length: 80 mm or above		
24.	Filter papers (No 04)	Qualitative Grade 04 (or similar grade), Circle Diameter: 100 – 110 mm		
25.	Filter papers (No 41)	Ashless Grade 41 (or similar grade), Circle Diameter: 100 – 110 mm		
26.	Inoculating loop	Bacterial inoculating loop with handle Standard size		

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01.	Ethanol	Analytical grade (99.9%) Pack size - 2.5L Packaging material- Glass		
02.	Potato dextrose agar			
03.	Acetonitrile	HPLC grade (99.9%) Pack size - 2.5L Packaging material- Glass		
04.	Magnesium sulphate anhydrous	Anhydrous ACS grade Powder/ Solid Laboratory application		
05.	Sodium chloride	ACS grade Laboratory application		
06.	Sodium acetate.	Anhydrous ACS grade Assay: 99%		
07.	Primary secondary amine (PSA)	ACS grade Power/ solid form		
08.	Acetic acid	ACS grade Concentration: 98% Pack size: 2.5L		
09.	Formic acid	ACS grade Concentration: 99.5% Pack size: 2.5L		
10.	Ethyl acetate	ACS grade Concentration: 99.5% Pack size: 2.5L		
11.	Toluene	ACS grade		

		Concentration: 99.5% Pack size: 2.5L		
12.	Aflatoxin standard (Mix)	HPLC standard, Mix standard (B1, B2, G1, & G2)		
13.	Methanol	HPLC grade (99.9%) Pack size - 2.5L Packaging material- Glass		
14.	Nitric acid (98%)	HPLC grade (98.0%) Pack size - 2.5L Packaging material- Glass		
15.	Potassium bromide (Kbr)	ACS grade Power/ solid form		
16.	Plate count agar	Microbiology purpose Powder form		
17.	Dichloran rose bengal agar	Microbiology purpose Powder form		
18.	DG 18 agar	Microbiology purpose Powder form		
19.	EC broth	Microbiology purpose Powder form		
20.	Loreal sulphate tryptose broth	Microbiology purpose Powder form		
21.	Brilliant bile broth	Microbiology purpose Powder form		
22.	Kovac's reagent	Microbiology purpose		
23.	2 - propanol	HPLC grade (99 %) Pack size - 2.5L Packaging material- Glass		
24.	Peptone water	Microbiology purpose Powder form		
25.	Silver nitrate	Laboratory grade Cristal		
26.	Graphitized carbon black	Powdere Activated carbon		

27.	Petroleum ether	Analytical grade BP: 60 -80 °C Pack size: 2.5 L		
28.	Kjeldhal tablets	Weight: 3- 5 g Catalyst with CuSO ₄ & Potassium sulfate		
29.	Aluminum phosphide tablets /pellets	Fumigation purpose 333 tablets/ flask Aluminum phosphide: 55.0% or above		
30.	Potassium dihydrogen orthophosphate (KH ₂ PO ₄)	ACS grade Assay: 99%		