

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/031/2025 (FOS) - [G]</u>
BIL. TAWARAN/TENDER REF. :	
TARIKH DIKLANKAN :	<u>13 Mei 2025 [Selasa]</u>
TARIKH TUTUP :	<u>27 Mei 2025 [Selasa]</u> JAM: 2 Petang
DOCUMENT FEE : B\$ 10.00	

IMPORTANT

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Mode of Payments > REFER IN UBD WEBSITE

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

Important Note: Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to helpdesk.epay@ubd.edu.bn , finance@ubd.edu.bn,eprocurement.support@ubd.edu.bn.

TITLE :		<u>TO SUPPLY AND DELIVER CHEMICALS FOR FACULTY OF SCIENCE, ENVIRONMENTAL AND LIFE SCIENCES UNIVERSITI BRUNEI DARUSSALAM</u>
No.	Quantity	SPECIFICATIONS
1	2 bottles	D-(+)-Glucose Size: 1 kg (50-99-7) Assay: ≥99.5% Color: White Form: Powder Mp: 150-152 °C (lit.) Storage Temp.: Room temp.
2	2 bottles	Calcium Chloride Anhydrous Size: 500g (10043-52-4) Grade: Anhydrous Assay: 99.99% trace metals basis Form: Powder Techniques: cell culture mammalian: suitable Impurities: ≤150.0 ppm Trace Metal Analysis Bp: 1935 °C/1 atm (lit.) Mp: 772 °C (lit.) Solubility: Ethanol: very soluble(lit.)
3	2 bottles	Ethylenediaminetetraacetic acid (EDTA) Size: 500g (60-00-4) Molecular weight: 292.24 g/mol Grade: Purified grade Assay: ≥98.5% Solubility: water: soluble 0.4 g/L at 20 °C Form: powder

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No.	Quantity	SPECIFICATIONS
4	4 bottles	Magnesium Chloride Brand: ThermoFisher Scientific Size: 250g (7786-30-3) Molecular weight: 95.21 g/mol Appearance: white Form: Beads
5	1 bottles	Disodium hydrogen phosphate dihydrate Brand: Merck Size: 500g (10028-24-7) Grade: Molecular biology Assay: ≥99.0% (T) Form: Crystals Molecular weight: 177.99 g/mol
6	1 bottles	Sodium dihydrogen Phosphate Brand: Merck or Equivalent Size: 500g (7558-80-7) Grade: Anhydrous, Molecular biology Assay: ≥98% Form: Powder Molecular weight: 119.98 g/mol
7	2 bottles	Sodium Dihydrogen Phosphate Monohydrate Brand: Merck or Equivalent Size: 250g (10049-21-5) Form: Solid Molecular weight: 137.99 g/mol pH: 4.1-4.5 (25 °C, 50 g/L in H ₂ O) Solubility: 850g/L Application: liquid formulation, ophthalmics, pharmaceutical, semi-solid formulation, solid formulation Storage temp: 15-25°C
8	1 bottles	Citric Acid Size: 500g (77-92-9) Molecular weight: 192.12 g/mol Assay: ≥99.5% Mp: 153-159 °C (lit.) Form: Crystals Grade: ACS Reagent
9	6 bottles	Absolute Ethanol, ≥99.5% Size: 25L Molecular weight: 46.07 Grade: ACS reagent

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No.	Quantity	SPECIFICATIONS
10	8 bottles	Xylene Size: 2.5L (95-47-6) Form: Liquid Molecular weight: 106.17 g/mol Melting point: -25°C Density: 0.8780g/mL Assay: 99% Grade: Pure
11	4 bottles	DPX Mounting Medium Size: 500mL Appearance: Colourless Form: Viscous liquid Density: 0.94-0.97 g/L Viscosity: 1200-1800 mPa.s(20 °C) Application: Hematology, histology Storage temp.: Room temp
12	5 bottles	Folin & Ciocalteu's Phenol Size: 100mL (F9252) Concentration: 1.9-2.1N Appearance: clear yellow, faint yellow to very dark yellow, and Faint Green-Yellow to Very Dark Green-Yellow Form: Liquid
13	4 bottles	Ammonium Oxalate Monohydrate Size: 250g (6009-70-7) Molecular weight: 142.111 g/mol Form: crystalline powder, crystals or granules Assay: ≥99%, 99.0-101.0% (ACS specification) Grade: ACS Reagent
14	2 bottles	Iodine Size: 500g (7553-56-2) Grade: ACS Reagent Form: Solid Molecular weight: 253.81 g/mol Assay: ≥99.8% Impurities: ≤0.01% nonvolatiles Ion traces: Cl ⁻ and Br ⁻ : ≤0.005%
15	3 bottles	LB agar, Miller Size: 500g (22700025) Species: E.coli Product type: Dehydrated culture media Preparation method: Autoclave
16	3 bottles	LB broth, Miller Size: 500g (H26676.36) Form: Powder

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No.	Quantity	SPECIFICATIONS
17	4 bottles	Magnesium carbonate Size: 250g (39409-82-0) Form: Powder Solubility: Solubility in water: insoluble. Other solubilities: insoluble in ethanol, soluble in acids Molecular weight: 467.63 g/mol Purity: 40 to 45% (MgO) Grade: Extra Pure
18	2 bottles	Mueller Hinton Agar Size: 500g (70191) Form: Powder Suitability: nonselective for Neisseria spp., nonselective for bacteria (General Media) Application: Clinical testing, food and beverages, microbiology Techniques: microbe id susceptibility testing: suitable, microbiological culture: suitable Composition: agar, 17.0 g/L , casein hydrolysate, 17.5 g/L , beef infusion solids, 2.0 g/L , starch, 1.5 g/L
19	4 bottles	Trichloroacetic Acid Size: 250g (76-03-9) Molecular weight: 163.39 g/mol Grade: ACS Reagent Assay: ≥99.0% Solubility: H2O: 1 g/10 mL Storage Temp: 2-8°C
20	2 bottles	di-Sodium hydrogen phosphate dihydrate Size: 500g (10028-24-7, 71643) Molecular weight: 177.99 g/mol Assay: ≥99.0% (T) Grade: For molecular biology Form: Crystals
21	4 bottles	Glycerol Size: 2.5L (56-81-5) Molecular weight: 92.09 g/mol Form: Liquid Grade: Extra Pure
22	2 bottles	Copper II Chloride Size: 250g (7447-39-4) Molecular weight: 134.45 g/mol Assay: 97% Form: Powder