

Republic of the Philippines
VISAYAS STATE UNIVERSITY
PROCUREMENT OFFICE

SPECIFICATION

Item #	Item Name	Remarks (from End User)
1	Nutrient Agar, 500g Bottle	
<p>Full Specification</p> <ul style="list-style-type: none"> • to be used for the culture of test organisms • nutrient medium used for the cultivation of microbes supporting growth of a wide range of non-fastidious organisms • 500g bottle • recommended for the cultivation of less fastidious microorganisms from clinical and nonclinical samples. It can be enriched with blood or other biological fluids. <p>Ingredients:</p> <p>Peptone - 5 gms/liter</p> <p>HM Peptone B # - 1.50 gms/liter</p> <p>Yeast Extract - 1.50 gms/liter</p> <p>Sodium Chloride - 5.00 gms/liter</p> <p>Agar - 15.00 gms/liter</p> <p>Final pH (at 25°C) 7.4±0.2</p> <p>**Formula adjusted, standardized to suit performance parameters</p> <p>*Equivalent to Beef extract</p>		<p>Sample Image</p> <p><i>No Image Attached</i></p>
2	Foldable push cart platform trolley	Procurement of Project Supplies and Materials
<p>Full Specification</p> <p>material : carbon steel</p> <p>Foldable handle for easy storage</p> <p>4 swivel caster wheels for easy movement</p> <p>durable platform</p> <p>Loading capacity of 150 kgs</p> <p>Heavy duty for heavy loading</p>		<p>Sample Image</p> <p><i>No Image Attached</i></p>



3	Phosphate Buffered Saline (PBS) Tablets, 50 tab	Procurement of Project Supplies and Materials
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Full Specification

Preferred:

- P4417-50TAB Sigma Aldrich

General description:

- Phosphate-buffered saline (PBS) is a buffer solution used in biological research. It is a water-based salt solution containing sodium phosphate, sodium chloride and, in some formulations, it contains potassium chloride and potassium phosphate. The osmolality and ion concentrations of the solutions match those of the human body (isotonic) and are non-toxic to most cells.

Application:

- for the production of platinum nanoparticles (NP-Pt) hydrocolloids
- for the washing of blood sample and SEM (scanning electron microscope) stubs prior to SEM
- for preparing the solution of fluorescent lectin wheat germ agglutinin (WGA)
- for the dilution of capture antibody during ELISA (enzyme linked immunosorbent assay)
- for suspension of cell pellets during centrifugation
- in immunoassay procedures

Sample Image

No Image Attached

4	Thawing device MT 30/54, 50°C	Procurement of Project Supplies and Materials
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Full Specification

Used for thawing frozen semen straws.

Specifications:

- Electronic temperature control
- Central, built-in thawing chamber with lift
- Accuracy: 0.2°C
- Electrical connection: 12 V DC (car battery)
- With lift. Can be connected to the 12 V car battery or to the mains through a transformer.
- Includes: Transformer for thawing unit 12 V/220 V

Preferred: Minitube (REF.: 17044/0050)

Sample Image

No Image Attached