



95% ETHYL ALCOHOL

- Solvent for plant growth hormones.
- Can be diluted to make 70% alcohol.
- Used as a flaming substance (blue flame).
- 1 and 20 liters available.



99% ISOPROPYL ALCOHOL

- Used for hand disinfection while working inside the laboratory.
- 20 liters available.



PLASTIC BEAKER

- Used for measuring large amounts of liquid.
- 1000 ml capacity.



PLASTIC FUNNEL SET

- For transferring liquids to different containers.



PH PAPER STRIPS

- Litmus strips.
- Long Range pH: 0-14.
- 100 pcs.



DIGITAL THERMOMETER

- 5 Functions: temperature, humidity, date, time, & alarm.
- Power Supply: 1 AAA Battery.
- Temperature scales: Fahrenheit and Celsius.



DIGITAL TIMER

- Magnetic LCD digital kitchen cooking timer (white).



PET JAR

- Round clear.
- 500 grams.
- 72mm cover caps.
- Transparent jar.
- Sold per 105 pcs/box with caps.



DIGITAL WEIGHING SCALE

- Calibrated digital scale.
- 0.01 g / 3000 g
- Power supply: 2 AAA batteries



GULAMAN BAR

- Pure white agar bar.
- Solidifying agent for plant tissue culture medium.
- 20 grams and 1 kg available.



PLANT PRESERVATION SOLUTION

- Bactericide fungal chemical solution.
- For surface sterilization of explant.
- Additive in culture medium.
- Prevent or reduce microbial contamination.
- 15 ml.



UV GERMICIDAL LAMP

- Germicidal lamp (known as a disinfection lamp or sterilizer lamp).

Starter Kit



Inclusions:

- (1) 100 ml 95% Ethyl Alcohol
- (1) 120 ml 1N KOH (pH up)
- (1) 120 ml Citric Acid (pH down)
- (1) 120 ml Copper Sulfate; saturated.
- (1) 10 ml 6-Benzylaminopurine (BAP)
- (1) 10 ml Naphthalene Acetic Acid (NAA)
- (1) 20 liters Modified Knudson-C
- (1) 90 mm Petri Dish; Borosilicate Glass
- (1) Stainless Steel Long Forceps
- (1) Stainless Steel Short Forceps
- (1) Stainless Steel Scalpel Holder No. 4
- (5) Scalpel Blade No. 22
- (1) 50 ml Alcohol Lamp
- (1) 15 ml Syringe
- (1) pack pH Paper (5 strips with indicator).
- (2) pcs. Widemouth Glass Bottles
- (1) 20 grams Agar Scraps
- *FREE Roots Rooting Powder Sample

Lab Racks

Dimensions: 0.60 m (W) x 1.00 m (L) x 2.20m (H)

General Specifications:

- Painted black square iron tubes, the principal material for the racks.
- Clear glass: 580 mm thickness x 5000 mm per shelf layer
- Big lite T5 LED 16 watts (daylight) with complete electrical fittings and accessories.

NOTE:

- Quotation is valid for 30 days only.
- Free on-site placement with supervision.
- Mobilization: 2-4 weeks after confirmation of downpayment and issuance of NTP/PO.
- The site must have electricity connection for the LED lights.
- Ready stock.

Shelf Layer Capacity:

- Minimum: 112 bottles.
- Maximum: 224 bottles (6 cm x 6 cm x 11 cm).
- Investment cost per steel rack, P1.86/bottle for ten (10) production cycles. In reality, the racks can last up to 10 years. LED lights can be replaced when broken or after every two to three years.



Contact Us

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Tissue Culture Lab

Product Catalogue 2024



Filipino Re-engineered Technology

Furniture & Equipment



PRESSURE COOKER ALL AMERICAN BRAND

- All American Brand
- 41.5 Quart
- Metal-metal sealing



TISSUE CULTURE WORKSTATION

- Tissue culture set with built-in blower box and transfer hood inoculation.



BLOWER BOX

- Vertical wooden box.
- H.E.P.A. filter 12 x 12 x 8 in. (0.7 microns).
- UV germicidal lamp ozone disinfection.
- T5; 220v
- Including flexible aluminum duct.



TRANSFER CASE

- Exclusive for plant tissue culture.
- Alternative for laminar flow hood.
- 37 x 6 in. wide opening for easy access.
- Less inlet of negative air pressure.

Glassware



ALCOHOL LAMP

- High-quality glass lamp with cover.
- 50 ml capacity.



AUTOCLAVABLE GLASS

- 8oz; wide-mouth bottle.
- Autoclavable.
- Sold per box of 24 bottles including autoclavable caps.
- Yellow or transparent caps available.



ERLENMEYER FLASK

- Borosilicate glass.
- 500 ml capacity.
- Autoclavable.
- For analysis and experimentation.



GRADUATED CYLINDER

- Clear glass.
- 100 ml capacity.
- Accurate volume (+/- 1 cm).
- Approximately 25 cm tall and 3 cm in diameter.



PETRI DISH

- Clear quartz glass.
- Thick - borosilicate.
- Autoclavable.
- 90 mm wide.
- For inoculation and subculturing of specimen.

Tools



LONG FORCEPS

- Stainless steel.
- 28 cm long.
- Pointed & elbow type available.



SHORT FORCEPS

- Stainless steel.
- 23 cm long.
- Pointed & angled clamp type available.



SCALPEL HOLDER

- Handle No. 4.
- Stainless steel.
- Compatible Blades: No. 20, 21, 22 & 23.



SCALPEL BLADE

- Sterile blade.
- Blade No. 22.
- Compatible Holder No. 4.
- Sold per pack (100 pcs).

Plant Growth Hormone



INDOLE 3-BUTYRIC ACID

- Auxin hormone 99% purity.
- Off-white fine powder.
- For in-vitro plant rooting and seed germination.
- 3 grams per pack (equivalent to 3000 ppm).



THIDIAZURON

- Cytokinin hormone 95% purity.
- Yellow fine powder.
- For in-vitro plant shoot multiplication, plant cell division.
- 3 grams per pack (equivalent to 3000 ppm).



6-BENZYLAMINO PURINE

- Cytokinin hormone 98% purity.
- White fine powder.
- For in-vitro plant shoot multiplication.
- 3 grams per pack (equivalent to 3000 ppm).



INDOLE ACETIC ACID

- Auxin hormone 99% purity.
- Off-white fine powder.
- For in-vitro cell elongation and cell division.
- 3 grams per pack (equivalent to 3000 ppm).



KINETIN

- Cytokinin hormone 95% purity.
- Yellow fine powder.
- For in-vitro plant shoot multiplication, plant cell division.
- 3 grams per pack (equivalent to 3000 ppm).



ALPHA NAPHTHALENE ACETIC ACID

- Auxin hormone 98% purity.
- White fine powder.
- For in-vitro plant rooting and seed germination.
- 3 grams per pack (equivalent to 3000 ppm).

Chemicals



MURASHIGE AND SKOOG

- Complete nutrient basal medium with vitamins & myo inositol.
- 250 grams; good for 6 liters.
- Hassle-free preparation.
- Made in China.



ACTIVATED CARBON

- Technical grade.
- 250 grams.
- Fine black powder.
- For plant tissue culture.
- Added to the medium for absorption of polyphenols/phenolic compounds.



MODIFIED KNUDSON C

- Complete fertilizer mix for tissue culture plants.
- 50 grams; good for 20 liters.
- Can be used as foliar fertilizer (see instructions inside).



COPPER SULFATE

- Technical grade.
- Protectant for possible contaminants (e.g. bacteria, fungi, and dust mites) if concentrated.
- Fine blue powder.
- 250 grams; good for 1 liter.



CITRIC ACID

- USP Grade
- pH down solution
- Fine White Powder
- 60 grams; good for 1 liter.



POTASSIUM HYDROXIDE

- Technical grade.
- pH up solution.
- White or slightly yellow flakes.
- 60 grams; good for 1 liter. (Equivalent to 1 Normal Solution)

WARNING! This product is corrosive. If it comes into contact with your skin, place a few drops of vinegar or use citrus fruits as acid-base adjustment. If it comes into contact with your eyes, wash with running water.



NK CRYSTAL

- Used in plant tissue culture.
- Source of Potassium and Nitrogen for plant growth.
- 1 kilogram.



NIACIN

- White powder.
- 99% minimum purity.
- 25 grams.



N34 LIQUID SOLUTION

- Nitrogen is a key macro-nutrient required for plant growth.
- Used in formulation of MS (Medium).
- 1 liter.