

# MARKET SCOPING CHECKLIST

# 1. AGENCY INFORMATION

Name of Procuring Entity	Visayas State University	
End-User/Implementing Unit	Department of Biotechnology	
Name & Designation of Representative	Donna Christene Q. Ramos	

# 2. PROJECT OVERVIEW

Project Name	Procurement of Laboratory Supplies for continuous delivery of instruction for the BS Biotechnology Program
Estimated Budget	P78, 300.00
Period of Market Scoping [From	10/2025 to 10/2025
(mm/yyyy) To (mm/yyyy)]	
Expected Date of Delivery (mm/yyyy)	01/2026

# 3. MARKET SCOPING ACTIVITY/IES CONDUCTED (Check all that apply)

This confirms that market scoping activities were conducted in accordance with Section 10 of Republic Act No. 12009 and its Implementing Rules and Regulations (IRR), and considered in the Project Procurement Management Plan, consistent with the Principle of Proportionality.

Check (√)	Activity/ies Conducted	<b>Documentation</b> (as may be applicable)		
	Consultations with suppliers / contractors / consultants/ professional associations or industry groups	Highlights of consultations or meetings/ Proof of attendance/ Reports / Summaries/ Screenshots / Brochures / Publications/ Price quotations/ Canvass sheets/ Market Analysis Report or similar document/s		
	Participation in summits, fora, or conferences	Highlights of consultations or meetings/ Proof of Attendance/ Reports		
	Review of technical, financial, or market/scientific reports	Reports / Summaries/ Screenshots / Brochures / Publications, Market Analysis Report or similar document/ Online Product Reviews		

Check (√)	Activity/ies Conducted	<b>Documentation</b> (as may be applicable)	
	Review of product or service brochures, marketing materials, industry journals and publications or related materials	Reports / Summaries/ Screenshots / Brochures / Publications/ Online Product Reviews	
	Price sourcing for quotations or cost estimates from suppliers, contractors, or consultants	Price quotations/ Canvass sheets/ Online Product Reviews	
	Use of data from PhilGEPS or agency websites	Reports / Summaries/ Screenshots, Price quotations/ Canvass sheets/ PhilGEPS Postings/ Online Product Reviews	
	Other analogous market scoping activity/ies undertaken:  Online scoping		

# Notes:

- i. The market scoping activities shall be identified and undertaken at the option of the End-User or Implementing Unit based on its needs and objectives.
- ii. The list of supporting documents in the Documentation column is not exclusive and may include other documents that may be gathered by the End-User or Implementing Unit pertinent to the activity/ies conducted.

# 4. MARKET SCOPING RESULTS

Indicate recommendations in the column provided based on the results of the market scoping activities undertaken. These recommendations shall be considered in the development of a comprehensive and realistic PPMP, taking into account the parameters outlined under Section 10.4 of the IRR of RA 12009, as may be applicable.

Parameters	Considered? (Yes/No/ Not Applicable)	Recommendations based on the Market Scoping (Attach additional documents if necessary)	
a. Project Cost	Yes		
Estimate		<ul> <li>pGLO Bacterial Transformation</li> </ul>	
[Does the		Reagent Refill Kit 1 set	
cost estimate		₱4,800/set	
align with		pGLO™ plasmid, lyophilized, 20 µg - 1	
current		E. coli strain HB101 K-12, lyophilized - 1	

# market prices?

LB nutrient broth, sterile, 10 ml - 1 Ampicillin, lyophilized, 30 mg - 1 Arabinose, lyophilized, 600 mg - 1 Transformation solution, (CaCl2), sterile, 15 ml - 1

# • ELISA Immuno Explorer Refill Kit₱5,800/kit

Antigen (chicken γ-globulin)\* - 1 Primary antibody (rabbit anti-chicken polyclonal antibody)\* - 1 Secondary antibody (goat anti-rabbit antibody, conjugated to horseradish peroxidase, or HRP)\* - 1 HRP enzyme substrate (TMB), 25 ml - 1 10x PBS, 100 ml - 1 10% Tween 20, 5 ml - 1 Disposable plastic transfer pipets - 80 Microplates with 12-well strips (8 rows of 12 wells) - 3 Yellow micro test tubes, 2.0 ml - 60 Colored micro test tubes, 2.0 ml - 75 Curriculum, including teacher's guide, student manual, and graphic quick guide

\*Convenient lyophilized reagents

# •2mM dNTP Mix, 1ml 1,896.00

Brand: Vivantis

Purity or Quality Grade: >99%

Quantity: 5 x 1 mL

Shipping Condition: Dry Ice

Concentration: 2 mM

For Use With (Application): Standard PCR, High-fidelity PCR, Real Time PCR (qPCR)

Form: Liquid

Label or Dye: Unlabeled

Unit SizeEach Contents & Storage dNTP Mix, 2 mM (5 x 1 mL) Store at -20°C.

# • MgCl<sub>2</sub> solution, molbio standard ₱3,705.42/set

Shipping: On Dry/Blue Ice Catalog number Batch No.: See vial BIO-37026: 3 x 1.2 mL Store at -20 °C

DNase/ RNase-free

# • PCR primers ₱1,100/pair

Primer 1 – ITS-3 Primer Name: ITS-3 Primer Sequence (5'→3'):

**GCATCGATGAAGAACGCAGC** 

Primer 2 – ITS-4 Primer Name: ITS-4 Primer Sequence  $(5'\rightarrow 3')$ :

**TCCTCCGCTTATTGATATGC** 

Length: 20 bases

Scale / Synthesis Amount: 100 nmol Purification: Standard Desalted

Storage Condition: Store at -20°C (long-

term) or 4°C (short-term)

# • Taq DNA polymerase, 5000 U ₱5, 482.75/set

# Specifications:

Brand: Vivantis Code: PL1202 5U/ul, 500 U

Shipped as cold/perishable item

# • Nutrient broth,500 g ₱4439/bottle

## Specifications:

Himedia M002 Nutrient Broth Ingredients Grams/Liter Peptone 5.000 Sodium chloride 5.000 HM peptone B 1.500 Yeast extract 1.500 Final pH ( at 25°C) 7.4±0.2

# • Chloroform ₱4,000/bottle

Product: Chloroform Catalog#: GC9806 CAS: 67-66-3 Formula: CHCl3 MW: 119.38 Grade: GC

Description Colorless Liquid

Infrared Spectrum Conforms to Structure

UV Absorbance 400nm ≤ 0.005 UV Absorbance 275nm ≤ 0.005

UV Absorbance 250nm ≤ 0.30 UV Absorbance 245nm ≤ 1.00 Purity (GC) ≥ 99.90 % GC <10 ng/L as Heptachlor Epoxide Amylenes as Stabilizer 100 - 200 ppm Water (by Karl Fischer) ≤ 0.02 % Residue on Evaporation ≤ 0.0001 % Fluorescence 365nm as Quinine ≤ 0.5 ppb

• Sulfuric acid ₱ 2,484.93/Liter

MW: 98.08

CAS: 7664-93-9

EC: 231-639-5

**TARIC code: 28070000** 

Restriction: Drugs precursor Cat. 3 +

**Explosives** 

IMDG: 8 II UN 1830

ADR: 8 II UN 1830 (E) IATA: 8 II UN 1830

**Brand: LABKEMUN Code: 1830** 

CAS Number: 7664-93-9un

HazardpictogramsCLP: GHS05UN

HazardStatements: Skin Corr. 1A;H314

Shipping weight: 2,48 Kg

Product weight: 2,48 Kg

# • Ethanol (analytical grade) ₱4,500/bottle

Specifications:

Chem-Supply Australia EA043 Purity: absolute, min. 99.5 % (v/v)

Grade: analytical grade, conforms to ACS

# • Agar (for tissue culture) ₱1,672 / 100 g

Brand: Plant Cell Technology

Appearance: White to light yellow powder

Gel strength: ~1,020 g/cm<sup>2</sup>

Gelling concentration: 6-8 g/L (0.6-0.8%)

Melting point: ~88–90 °C pH (use range): 5.4 – 5.8 Ash content: ~1.4% Moisture: ~8–9%

Microbial purity: < 1,000 CFU/g (no coliforms, Salmonella, or molds)
Storage: Cool, dry place (20–25 °C)
Typical use: Plant tissue culture media

gelling agent

# • Potato Dextrose Broth, 500 g ₱7,500/bottle

**Product Name:** 

Potato Dextrose Broth (PDB)

Brand:

Shanghai LuQiao

Use:

Used for cultivation and testing of fungi

and yeast.

Formula (per liter): Potato extract — 5.0 g

Dextrose (glucose) — 20.0 g

Agar (optional, if solid medium) — 0.1 g

Storage Instructions:

Store in a dry, ventilated place away from

light. Shelf Life:

Three years

# • Folin-Phenol, 50 mL ₱1,200/bottle

Product Name: Folin's Phenol Reagent

(Folin-Ciocalteu Reagent) Brand: Scientific Phygene Catalog No.: PH1583

Volume: 50 mL Concentration: 1 mol

# Calcium chloride

Product Name: Calcium Chloride

Dihydrate

Chemical Formula: CaCl<sub>2</sub>·2H<sub>2</sub>O

Brand: ChemCenter

Grade: High Purity Reagent CAS Number: 10035-04-8 Molecular Weight: 147.02 g/mol Appearance: White crystalline solid or

flakes

Purity (Assay): ≥ 99% (High Purity

Reagent Grade)

Solubility: Soluble in water, ethanol,

methanol

pH (5% solution) 4.5 - 7.0

Melting Point: 176 °C (decomposes)

Density: 1.85 g/cm<sup>3</sup>

Hygroscopic: Yes — readily absorbs

moisture from air

Storage: Keep tightly sealed in a dry

place, away from moisture

Hazards: Causes serious eye irritation; wear protective eyewear and gloves Shelf Life: 3 years (if stored properly)

## Benzene

ExiPlus - meets compendial specs of USP, BP, Ph.Eur Appearance (Clarity) - Clear Appearance (Colour) - Colourless Appearance (Form) - Liquid Colour (APHA) - max. 10 Solubility - 0.1gm in 100ml of water at 20°C, miscible with ethanol (96%) Assay (GC) - min. 99.5% Density (g/ml) @ 20°C - 0.878 - 0.879 Refractive Index (20°C) - 1.499 - 1.501 Boiling Range - 80 - 81°C Freezing Point - 5°C Non Volatile Matter - max. 0.001% Substance Discoloured by H2SO4 -Passes test Sulphur Compound (S) - max. 0.005% Thiophene (C4H4S) - max. 0.0001% Water (KF) - max. 0.05%

# • Alcohol (ethanol) ₱1620/gallon

Specifications:

Product usage: Disinfectant / Antiseptic

Ingredients: Ethyl Alcohol, Water,

fragrance, moisturizer.

# • Nitrile gloves, medium, 100 pcs ₱280/box

Specifications:

Item: Disposable Gloves

Brand: Hexacare Model: Nitrile

Capacity: Latex Free, amidextruos, powder-free, available in small, medium and

large

100 pcs/ box Packaging: 1 box

# • Nitrile gloves, large, 100 pcs ₱280/box

Specifications:

Item: Disposable Gloves

Brand: Hexacare Model: Nitrile

Capacity: Latex Free, amidextruos,

powder-free, available in small, medium and

large

100 pcs/ box Packaging: 1 box

# • Micropipette tips, (1000 pcs/pack10 µL ₱600/pack

Specifications:

Items: Pipette tip 1000 pcs/pack

Brand: Labopettte Model: TYC01 Capacity: 10 ul

Packaging: 1000 pcs/pack

# • Micropipette tips, 200 µL (1000 pcs/pack, yellow or clear) ₱1,200/pack

Specifications:

Items: Npipette tip 1000 pcs/pack

Brand: Labopettte Model: TYC02 Capacity: 200 ul

			Packaging: 1000 pcs/pack
			• Autoclavable plastic bags, Sterilization pouches 20 x 22cm, 100 pcs/pack ₱3,966.49 Specifications: Brand: Labopette Model: B-GW2022-20x22 Capacity: 20 x 22 cm Packaging: 100 pcs/ pack
			• Glass cuvette with lid ₱2,100/piece Specifications: Item: Cuvette, glass Brand: Cordial Model: Glass Capacity: 3.5 ml / Size: 10 mm X 10 mm Packaging: 2 pcs/set
Specifi	ect Design and cation [Does available supplier/s meet technical and financial requirements?]	Yes	
	Technical Criteria [Does the market support the proposed technical requirements?]	Yes	Present Business permit certification
d.	Delivery Lead Time [Are the timelines for delivery feasible?]	Yes	Supplier is ready to deliver anytime

e. Storage and Warehousing Requirements [Can the storage/ warehousing needs be met considering specific conditions like temperature, humidity, and handling?]	Yes	Items stored in the store can be delivered directly
f. Identified Risk/s [Were there any market risks identified? (e.g., limited suppliers, price volatility)]	Yes	Risks: Minimal risks, limited to a possible 2-4 day delay due to weather or part congestion

Prepared by:

Approved by:

SHERLYN O. RAMONEDA Clerk, DBt 10-08-2025 DONNA CHRISTENE Q. RAMOS Head, DBt 10-08-2025

# -eedback

# pGLO Bacterial Transformation Reagent Refill Kit

# Refills



# **Transformation Reagent Refill Kit**

1660555EDU

Consumable reagents for pGLO Bacterial Transformation Kits, includes pGLO Plasmid, *E. coli*, nutrient broth, transformation solution, ampicillin, arabinose; LB agar powder (1660600EDU) not included; for education use only

List Price:	Inquire
Quantity:	1

Add to Quote

Add to Hot List

# • ELISA Immuno Explorer Refill Kit

# Refills



# **ELISA Kit Reagent Refill Pack**

1662401EDU

Consumables refill reagents for use with ELISA Immuno Explorer™ Kit and the Giant Panda Problem Kit, contains antigen, antibodies, 10% Tween, 10x PBS, HRP enzyme substrate; education use only

List Price:	lnq	uire
-------------	-----	------

Quantity: 1

Add to Quote

Add to Hot List

# dNTP solution mix



### Labbox dNTP-Mix x-VITA, 1 ml, 2.5 mM per nt, 10 mM total

Item number: LBOX_4	40485-001	26,26 € per 1 PU
EAN: 8434868106451	Excluding 19% WAT , plus shipp	
Category: Labbox	Onclus	sing 19% VAT 31,25 (i)
Manufacturer: Labbox	•	
ype		
ype 2.5 mM per nt, 10 mM in	total #6.84 €	



DIAMED ENTERPRISE

10683 Sta. Fe Subd., Los Baños, Laguna 4030

Telefar: +632 8584 4762 | +6349 536 0625

Telephone: +6349 310 0878

enquiries@diamed-ph.com www.diamed-ph.com

October 09, 2025 Quote No.: 25-KP257

DONNA CHRISTENE Q. RAMOS, MSc

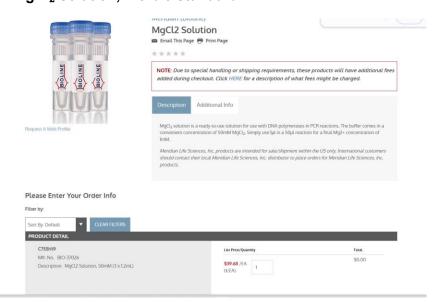
Head, Department of Biotechnology Faculty of Natural and Mathematical Sciences Visayas State University Visca, Baybay City, Leyte, Philippines 6521

Dear Ma'am Ramos,

We are pleased to quote you the following products:

Catalog No.	Description	Unit Price (Php)	
BRAND: VIVANTIS			
PC0701-100g	Agarose, Molecular Biology Grade, 100g	8,453.00	
*NP2409	10mM dNTP Mix, 0.25ml	1,896.00	
*NP2410	10mM dNTP Mix, 1ml	6,288.50	
*NP2411	2mM dNTP Mix, 1ml	1,896.00	
*NP2412	2mM dNTP Mix, 5 x 1ml	6,288.50	
*NP2413	25mM dNTP Mix, 0.25ml	3,729.00	
*NP2414	25mM dNTP Mix, 5 x 0.25ml	14,868.00	

# • MgCl<sub>2</sub> solution, molbio standard



# PCR primers



# **DIAMED ENTERPRISE**

10683 Sta. Fe Subd., Los Baños, Laguna 4030 Telefax: +632 8584 4762 | +6349 536 0625 Telephone: +6349 310 0878

enquiries@diamed-ph.com www.diamed-ph.com

January 09, 2025 Quote No.: 25-KP006

# MARCIANA GALAMBAO

Associate Professor III Department of Biotechnology Visayas State University

Dear Ma'am Galambao,

We are pleased to quote you the following **primers** from **IDT**:

	Primer Name	Sequence 5'-3'	Length	Unit Price (Php)
1	ITS-3 primer	GCATCGATGAAGAACGCAGC	20	550.00
2	ITS-4 primer	TCCTCCGCTTATTGATATGC	20	550.00
			40	1,100.00
	Shipping Fee: <php3,000< td=""><td>225.00</td></php3,000<>		225.00	
GRAND TOTAL		1,325.00		

Note: Minimum Synthesis Scale: 100 nmol, Standard Desalted Price(s) inclusive of VAT. Diamed Terms and Conditions Apply.

Ordering Cut-off: Every Thursday, 3pm

Delivery: 30-45 days upon receipt of PREPAID

30 days Terms: Validity: 30 days

# • Taq DNA polymerase, 5000 U



DIAMED ENTERPRISE
10683 Sta. Fe Subd., Los Baños, Laguna 4030
Telefrox: +632 8584 4762 | +6349 536 0625
Telephone: +6349 310 0878
enquiries@diamed-ph.com www.diamed-ph.com

October 09, 2025

Quote No.: 25-KP257

# DONNA CHRISTENE Q. RAMOS, MSc

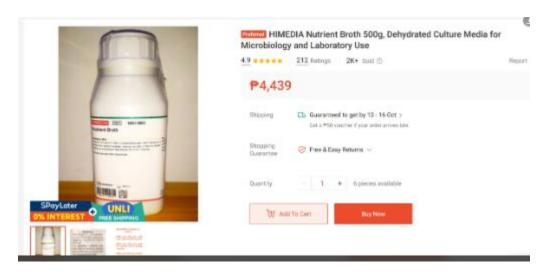
Head, Department of Biotechnology Faculty of Natural and Mathematical Sciences Visayas State University Visca, Baybay City, Leyte, Philippines 6521

Dear Ma'am Ramos,

We are pleased to quote you the following products:

Catalog No.	Description	Unit Price (Php)		
BRAND: VIVANTIS				
PC0701-100g	Agarose, Molecular Biology Grade, 100g	8,453.00		
*NP2409	10mM dNTP Mix, 0.25ml	1,896.00		
*NP2410	10mM dNTP Mix, 1ml	6,288.50		
*NP2411	2mM dNTP Mix, 1ml	1,896.00		
*NP2412	2mM dNTP Mix, 5 x 1ml	6,288.50		
*NP2413	25mM dNTP Mix, 0.25ml	3,729.00		
*NP2414	25mM dNTP Mix, 5 x 0.25ml	14,868.00		
PC0706-500g	EDTA, Disodium Salt, Dihydrate,	8.168.75		
	(Ethylenediaminetetraacetic Acid), 500g	6,108.73		
PC0706-1kg	EDTA, Disodium Salt, Dihydrate,	14,220.00		
	(Ethylenediaminetetraacetic Acid), 1kg	14,220.00		
*PL1202	Taq DNA Polymerase (5U/μl), 500U	5,482.75		
*PL1204	Taq DNA Polymerase (5U/μl), 2000U	17,522.25		

# Nutrient broth



# • Chloroform

Part A & B - Research & Laboratory Chemicals > Organic Intermediates > Solvents & Liquids, AR / ACS / Electronic / ExiPlus > Chloroform ACS, 99.8%

# 84155

# Chloroform ACS, 99.8%

Part A

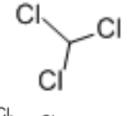
CAS: 67-66-3

Product Datasheet  $\underline{ullet}$ 

SDS <u>↓</u>

Molecular Formula : CHCl3

Molecular Weight : 119.38 Sample COA <u>▼</u>



Pack Size	Price Philippine Peso (PHP)	~	Check Stock 🚺
500 ml		246.69	
2500 ml		798.12	

# Sulfuric acid



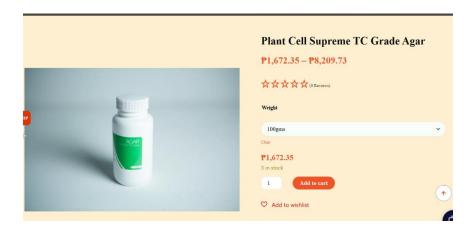
Item number: XLBOX_0159  EAN: 4064343286992  Category: Chemicals  Manufacturer: Labbox Chemie	starting from 9,85 € per 1 Qty Excluding 19% VAT., plus shipping (Standard Light) (including 19% VAT.1,72 €).
enge	
Please select	

# • Ethanol (analytical grade)

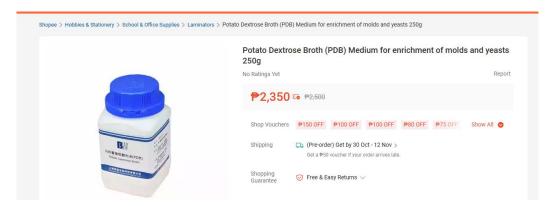
Quotation from YANA CHEMODITIES, INC. (CEBU)

P1620 per 2.5 liters

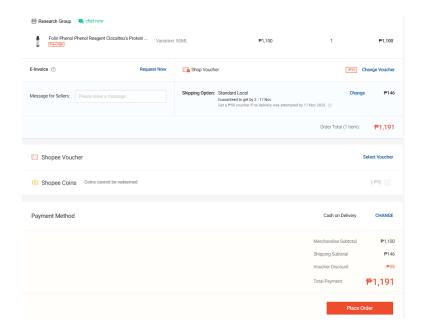
# • Agar (for tissue culture)



# • Potato Dextrose Broth



## • Folin-Phenol



• Benzene
Part A & B - Research & Laboratory Chemicals 
• Organic Intermediates 
• Solvents & Liquids, AR / ACS / Electronic / ExiPlus 
• Benzene ACS, ExiPlus, Multi-Compendial, 99.5%

## 58857

# Benzene ACS, ExiPlus, Multi-Compendial, 99.5%

Part A

CAS: 71-43-2 Product Datasheet  $\underline{\Psi}$ 

Molecular Formula: C6H6 SDS <u>↓</u>

Molecular Weight : 78.11 Sample COA <u>↓</u>

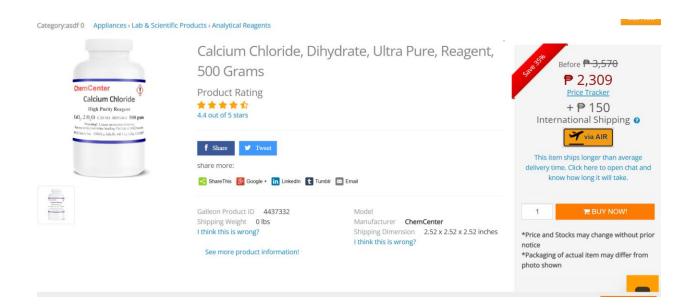




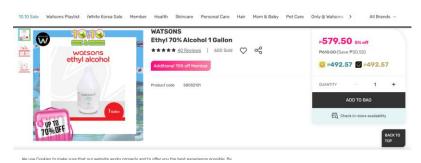
Pack Size	Price Philippine Peso (PHP)	<b>~</b> ]	Check Stock ()
500 ml		203.16	Ħ
2500 ml		856.16	

Disclaimer: Website displays the catalogue prices. These may vary by country due to local taxes, duties, and shipping. Check with your regional distributor for final pricing.

# Calcium chloride



# Alcohol (ethanol)



# Nitrile gloves, medium, 100 pcs



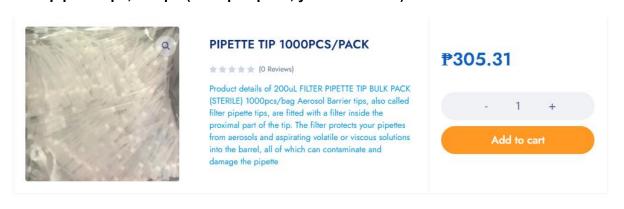
# • Nitrile gloves, large, 100 pcs



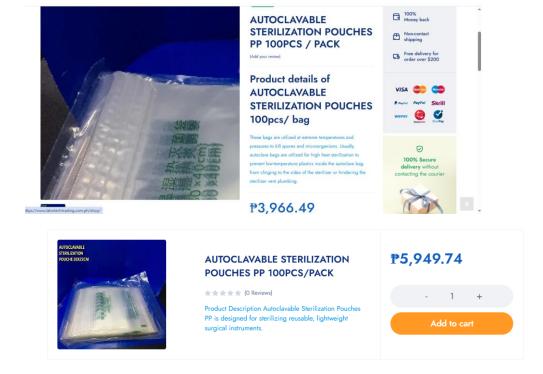
# • Micropipette tips, 10 µL, 1000 pcs



# • Micropipette tips, 200 µL (1000 pcs/pack, yellow or clear)



# • Autoclavable plastic bags, 100 pcs



# Glass Cuvettes with Lid



Home > Glass Cuvettes With Lid



# Glass Cuvettes With Lid P2,100.00 (EX.GST)

class Cuvettes With Uds are essential in a wide range of scientific applications, particularly spectrophotometry and photometry. Moldied for the purpose of containing fluids, light passes through the liquid for testing purposes. The included lids provide important protection for samples and minimizer any risks of evaporation or contamination, safeguarding the... <u>Bead more</u>





