



Republic of the Philippines
VISAYAS STATE UNIVERSITY
 Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : 9-5-188-2023-7-0-7

PR No.: GF-2023-09-02368

Date: 09-13-2023

Dept./Office: DFST

Category: Laboratory
SuppliesDuration: 2023-07-01
to
2023-12-31

Section/End-User: Ivy C. Emnace

Funding Source: General Fund - MOOE

Project Title/Code: VSU-IP-2023-8

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Acetic Acid	btl	1	1,000.00	IVY C. EMNACE	1,000.00

Specification:

Grade: ACS grade

CAS: 64-19-7

Pack Size: 500 mL

Form: Liquid

Molar Mass: 60.05 g/mol

Pack Type: Natural Poly bottle

Glacial: 99 - 100 %

2	Litmus Paper (Blue)	Vial	1	600.00	IVY C. EMNACE	600.00
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Specification:

Blue Litmus Test Paper

Blue Litmus test paper is a foolproof pH test to determine if something is acidic. The Blue Litmus test paper does not come with a color chart as it cannot provide you with a defined pH value. The test strip will turn red if dipped into an acidic solution (pH <7). It will remain unchanged in an alkaline solution. Although there is no color chart, the strip will turn various shades of red, getting darker the more acidic the solution. We have tested the blue litmus with multiple pH buffers. The blue paper is blue at pH 8. At pH 7, the sample is maybe just a little red. The real change to red seems to start with pH 6.5 and lower.

Strip
Quantity: 100 strips

Other Additional sheet sizes available upon request

Vial

Dimensio .75? (D) x 2.75? (H) [19mm (D) x 70mm (H)]

ns:

Strip

Dimensio 1.875" (L) x .25" (W) [48mm (L) x 6mm (W)]

ns:

Box 10" x 10" x 2.75" [29.8 cm x 19 cm x 7 cm] (144-pack box), 21" x 14.75" x 3" [53.3 cm x 37.5 cm x 7.6 cm] (500-pack box), 3.25" x 2.375" x 3" [8.3 cm x 6 cm x 7.6cm] (12-pack box), 5" x 3.5" x 3" [12.7 cm x 8.9 cm x 7.6 cm] (25-pack box)

Weight: 0.02 lbs [9 g] (single vial)

Other: Stored in a pocket-sized, lightweight vial.

Shelf-Life: 3 Years Minimum

3	Polypeptone	grams	1	3,100.00	IVY C. EMNACE	3,100.00
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Specification:

Form

Powder

Product Type

Dehydrated Culture Media

Shelf Life

1460 Days

Format

Bottle

For Use With (Application)

Various bacteria, fungi, and mammalian cells

Product Line

Polypeptone™

Quantity

100g

Source

Animal Origin

4	Potassium Nitrate	kl	1	5,800.00	IVY C. EMNACE	5,800.00
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Specification:

?AR grade

?Formula: KNO3

?Molar wt: 101.1032 g/mo

?1kg/pack

5	Potassium phosphate dibasic, K2HPO4	btl	1	1,450.00	IVY C. EMNACE	1,450.00
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Specification:

- Analytical grade
- Use for enzyme buffers and chemical assays
- Bottle of 500g

6	Proteose - Peptone	grams	1	8,200.00	IVY C. EMNACE	8,200.00
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Specification:**100 Grams****biological source**

Porcine pancreas
bovine skeletal muscle (
)

Quality Level

200

form

powder

composition

amino-nitrogen, ?3%
total nitrogen (N), ?11%

packaging

pkg of 100 g
pkg of 500 g

ign. residue

?20%

loss

?6.0% loss on drying

pH

6.0-8.0 (25 °C, 2% in H₂O)

solubility

H2O: 2%, clear, slightly yellow to brown

application(s)

food and beverages
microbiology

7	Red Litmus Test Paper	Vial	1	600.00		600.00
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Specification:

Red Litmus test paper is a foolproof pH test to determine if something is a base. The Red Litmus test paper does not come with a color chart as it cannot provide you with a defined pH value. The test strip will turn blue if dipped into an alkaline solution (pH >7).

Strip
Quantity: 100 strips

Vial
Dimensio .75" (D) x 2.75" (H) [19mm (D) x 70mm (H)]
ns:

Strip
Dimensio 1.875" (L) x .25" (W) [48mm (L) x 6mm (W)]
ns:

Box 10" x 10" x 2.75" [29.8 cm x 19 cm x 7 cm] (144-pack box), 21" x 14.75" x 3" [53.3 cm x 37.5 cm x 7.6 cm] (500-pack box), 3.25" x 2.375" x 3" [8.3 cm x 6 cm x 7.6cm] (12-pack box), 5" x 3.5" x 3" [12.7 cm x 8.9 cm x 7.6 cm] (25-pack box)
ns:

Weight: 0.02 lbs [9 g] (single vial)

Other: Stored in a pocket-sized, lightweight vial.

Shelf-Life: 3 Years Minimum

8	Starch Soluble	grams	1	4,000.00		4,000.00
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Specification:

250 Grams

biological source

potato

Quality Level

200

grade

ACS reagent

form

powder

ign. residue

70.4%

pH

5.0-7.0 (25 °C, 2% in solution)

solubility

H₂O: passes test

suitability

passes test for sensitivity as indicator

InChI

1S/C12H22O11/c13-1-3-5(15)6(16)9(19)12(22-3)23-10-4(2-14)21-11(20)8(18)7(10)17/h3-20H,1-2H2/t3-,4-,5-,6+,7-,8-,9-,10-,11+,12-/m1/s1

InChI key

GUBGYTABKSRVRQ-ASMJPISFSA-N

9	Sulfanilic Acid	grams	1	3,200.00	IVY C. EMNACE	3,200.00
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Specification:

25 Grams

grade

ACS reagent

Quality Level

200

Assay

98.0-102.0% (ACS specification)

99%

form

powder

ign. residue

70.01%

mp

>300 °C (lit.)

anion traces

chloride (Cl-): 70.002%

nitrite (NO2-): 70.5 ppm

sulfate (SO42-): 70.01%

SMILES string

Nc1ccc(cc1)S(O)(=O)=O

InChI

1S/C6H7NO3S/c7-5-1-3-6(4-2-5)11(8,9)10/h1-4H,7H2,(H,8,9,10)

InChI key

HVBSAKJJOYLTQU-UHFFFAOYSA-N

10	Tryptone	grams	1	11,000.00	IVY C. EMNACE	11,000.00
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Specification:

250 Grams

biological source

bovine milk

Quality Level

200

form

powder

packaging

poly bottle of 1 kg

poly bottle of 250 g

nitrogen analysis

11.4-13.9% total

loss

211% loss on drying

pH

6.6-7.4

application(s)

microbiology

TOTAL

38,950.00

Purpose: For Project

Checked by:

ELIZABETH S. QUEVEDO

TWG - Laboratory Supplies

Funds Available:

ALICIA M. FLORES

HEAD, BUDGET OFFICE

Signature:

Printed Name:

Designation:

Requested by:

IVY C. EMNACE

END USER

Noted by:

IVY C. EMNACE

UNIT HEAD PROJECT LEADER

Approved by:

EDGARDO E. TULIN

PRESIDENT, VSU