

Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte
SUPPLY & PROPERTY MANAGEMENT

INSPECTION & ACCEPTANCE REPORT

Supplier: **KRYPTON INTERNATIONAL RESOURCES
SALES & SERVICES INC.**

IAR No: 25-10-1283

P.O No.: **BAC2-GOODS-25-20-088 (STF)**

Date: 2025-10-03

Office/Dept: **Assorted Depts/Offices**

38,500.00

Assorted PR's

No.	UNIT	DESCRIPTION	Quantity		Date Received	Balance	Remarks
			Per P.O	Actual			
1	btl	Colchicine suitable for plant cell and tissue culture (1g) Distribution _____ DPBG c/o Noreen Kaye N. Aure (STF-2024-10-02606) - 1	1	1	2025-10-02 #: DR 30362, SI 25260	0	Completed

Specification:

1gram

2	pc	Graduated Cylinder, Glass, 1000mL Distribution _____ DPHys c/o Perlie A. Gucela (STF-2024-10-02802) - 5	5	5	2025-08-08 #: DR-29468	0	Completed
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Specification:

3	Box of 25's	TLC Plate, Silica Gel 60 F254 Distribution _____ DOPAC c/o Jane M. Abapo (STF-2024-10-02469) - 1	1	1	2025-10-02 #: DR 30362, SI 25260	0	Completed
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Specification:

DESCRIPTION

General description

25 Glass plates 20 x 20 cm

Analysis Note

Specific surface area (according to BET; 5-Pt.measurement): 480 - 540 m²/g

Pore volume(N₂-isotherm):0.74 - 0.84 ml/g

d 50 (laserdiffraction, size distribution): 9.7 - 11.7 µm

Layerthickness: 210 - 270 µm

Deviation of layer thickness per plate: ? 35 µm

Chromatographic testing:

A) colour test

hRf-values

- bleu viforganol, colour test, lipophile: 11 - 25
 - CeresBlack G, colour test, lipophile: 34 - 48
 - ceresViolet brn, colour test, lipophile: 52 - 67
- separation number (colour test, lipophile): ? 10.5

B) Steroid test

hRf-values

- Hydrocortisone, steroid test: 25 - 37
- Reichstein S, steroid test: 37 - 49
- Methyltestosterone, steroid test: 42 - 54

Typical value determined on a conditioned plate

Eluent A) Toluene (45% rel. humidity)

Eluent B) Ethyl acetate/Toluene (95+5 v/v; 20% rel. humidity) PROPERTIES

material

glass support

silica gel 60 matrix

Quality Level

100

feature

binder Organic Polymer

fluorescent indicator

packaging

pkg of 25 plates

technique(s)

thin layer chromatography (TLC): suitable

layer thickness

250 µm

plate L × W

20 cm × 20 cm

particle size

10-12 ?m

pore size

60 Å medium pore diameter

storage temp.

2-30°C

INSPECTION

ACCEPTANCE

Date Inspected:

10/3/25

Date Recieved:

10/3/25

☐ Inspected, verified and found in order
as to quantity and specifications

☐ Complete

☐ Others: _____

☒ Partial

NOREVE JEAN M. AGAD
Inspector

DOREEN B. ALBA
Head, Supply & Property Management