

VIOLET RED BILE GLUCOSE (V.R.B.G.) AGAR EP
Powdered medium
for the detection and enumeration of Gram negative bacteria

TYPICAL FORMULA (G/L)

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|------------------------------|--------|
| Pancreatic Digest of Gelatin | 7.000 |
| Yeast Extract | 3.000 |
| Sodium Chloride | 5.000 |
| Bile Salts | 1.500 |
| Glucose monohydrate | 10.000 |
| Neutral Red | 0.030 |
| Crystal Violet | 0.002 |
| Agar | 15.000 |

DIRECTIONS FOR POWDERED MEDIUM

Suspend 41.5g in 1000ml of cold distilled water. Heat to boiling with agitation. Do not autoclave
Final pH 7.4 ± 0.2

DESCRIPTION

Violet Red Bile Glucose Agar (VRBG) EP is used as a selective plating medium for the detection and enumeration of Gram negative bacteria resistant to bile salts in pharmaceutical products. The formulation complies with the specification of European Pharmacopoeia.

TECHNIQUE

For the detection and enumeration of Gram negative bacteria from pharmaceutical products the technique recommended by European Pharmacopoeia should be followed.

USER QUALITY ASSURANCE (37°C-24 hrs)

Productivity control

E.coli ATCC 25922: growth, purplish red colonies

S.typhimurium ATCC 14028: growth, purplish red colonies

Selectivity control

E.faecalis ATCC 19433 : inhibited

STORAGE

Dehydrated medium: 10-30 °C

REFERENCES

- European Pharmacopoeia 5.6

PACKAGING

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|----------------|--|--------------------|
| 4021892 | Violet Red Bile Glucose Agar (V.R.B.G.) | 500g (12 l) |
| 4021894 | Violet Red Bile Glucose Agar (V.R.B.G.) | 5kg (120 l) |