

## V5262 Veal Infusion Broth

Veal Infusion Broth is recommended for the cultivation of fastidious pathogenic bacteria.

### Composition:

| Ingredients                  | Grams/Litre |
|------------------------------|-------------|
| Infusion powder from Veal    | 10.0        |
| Proteose Peptone             | 10.0        |
| Sodium Chloride              | 5.0         |
| Final pH 7.4 +/- 0.2 at 25°C |             |

Store prepared media below 8°C, protected from direct light. Store dehydrated powder in a dry place in tightly-sealed containers at 2-25°C.

Appearance: Light beige colored, homogeneous, free flowing powder.

Color and Clarity: Light amber colored, clear to slightly opalescent solution in tubes.

### Directions:

Suspend 25 g of Veal Infusion Broth in 1000 ml of distilled water. Boil to dissolve the medium completely. Dispense and sterilize by autoclaving at 15 lbs. pressure (121°C) for 15 minutes.

### Principle and Interpretation:

Infusion from veal and proteose peptone provide nitrogenous and carbonaceous compounds for the growth of microorganisms. Sodium chloride maintains the osmotic equilibrium.

Cultural characteristics after 18-48 hours at 35°C.

| Organisms (ATCC)                          | Growth |
|---|--------|
| <i>Neisseria meningitidis</i> (14632)     | +++    |
| <i>Streptococcus pneumoniae</i> (6305)    | +++    |
| <i>Staphylococcus epidermidis</i> (12228) | +++    |

### References:

1. American Type Culture Collection, Manassas, Va., U.S.A.
2. Atlas, R., (1993). Handbook of Microbiological Media. Parks, L.C., ed. CRC Press, Inc.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

