

**PEPTED MEAT BROTH (MEAT EXTRACT W/ PEPTONE)****TM 1040**for cultivation and maintenance of *Alcaligenes* species**Composition**

Ingredients	Gms/Ltr.
Peptic digest of animal tissue	10.00
Sodium chloride	15.000
Meat extract	3.000

\* Dehydrated powder, store in a dry place, in tightly-sealed containers at 24°C and protect from direct Sunlight.

**Instructions for Use**

Dissolve 28.00 gms in 1000ml of distilled water. Gently heat to boiling with gentle swirling and dissolve the medium completely. Sterilize by autoclaving at 15 psi (121°C) for 10 minutes.

**Appearance:** Yellow coloured clear solution

**Principle**

**PEPTED MEAT BROTH (MEAT EXTRACT W/ PEPTONE)** is for cultivation and maintenance of *Alcaligenes* species. *Alcaligenes* are gram-negative, non-fermentative bacilli. *Alcaligenes* can be isolated from many types of clinical specimens like urine, blood, spinal fluid, pleural fluid, wounds, abscesses and faeces.

Meat extract and peptic digest of animal tissue provides necessary nitrogenous compounds and other nutrients for growth. Sodium chloride maintains the osmotic balance.

**Interpretation**

Cultural characteristics observed after incubation at 35 - 37°C for 24 - 48 hours.

Microorganisms	ATCC	Inoculum (CFU)	Growth
<i>Alcaligenes denitrificans</i>	53957	10 <sup>3</sup>	Luxuriant
<i>Alcaligenes faecalis</i>	8750	10 <sup>3</sup>	Luxuriant



## PRODUCT DATA SHEET

### References

1. Koneman E. W., Allen S. D., Dowell V. R., Sommers H. M., 1983, Colour Atlas and Textbook of Diagnostic Microbiology, 2nd Ed., J. B. Lippincott, Company, Philadelphia, pg. 133.
2. Atlas R. M., 2004, Handbook of Microbiological Media, Lawrence C. Parks (Ed.), 3rd Edition, CRC Press.
3. Finegold S. M. and Martin W. J., 1982, Bailey and Scotts Diagnostic Microbiology, 6th Ed., Pg. 258-59, The CV Mosby Company, London.