

Specification

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens & ISO standards.

Formula * in g/L

Enzymatic digest of animal tissues, and brain-heart extract	27.5
Dextrose	2.0
Sodium chloride	5.0
Disodium phosphate (Anhy).....	2.5

Final pH 7.4 ±0.2 at 25 °C

* Adjusted and /or supplemented as required to meet performance criteria

Directions

Dissolve 37 g of powder in 1 L of distilled water, heating if necessary. Distribute into containers and sterilize in the autoclave at 121°C for 15 minutes.

Quality control

Incubation temperature: 37 °C ± 1.0 **Incubation time:** 24 ± 2 h

Inoculum: Practical range 100±20 CFU. min. 50 CFU (productivity), according to ISO 11133:2014/Amd 1:2018.

Microorganism	Growth	Remarks
<i>Staphylococcus aureus</i> ATCC® 25923	Good	-
<i>Staphylococcus aureus</i> ATCC® 6538	Good	-
<i>Clostridium perfringens</i> ATCC® 13124	Good	-
<i>Streptococcus pyogenes</i> ATCC® 19615	Good	-
<i>Streptococcus pneumoniae</i> ATCC® 49619	Good	add blood 5%
<i>Candida albicans</i> ATCC® 10231	Good	-
<i>Escherichia coli</i> ATCC® 8739	Good	-
<i>Enterococcus faecalis</i> ATCC® 19433	Good	-

References

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- DOWNES, F.P. & K. ITO (2001) Compendium of methods for the microbiological examination of foods. 4th ed. APHA. Washington. DC. USA.
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- EN-ISO 6888-3 Standard (2003) Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of coagulase positive staphylococci (*Staphylococcus aureus* and other species). Part 3: Detection and MPN technique for low numbers.
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Storage

For laboratory use only. Keep tightly closed, away from bright light, in a cool dry place (+4 °C to 30 °C).