



AATCC Bacteriostasis Broth

M221

Intended Use:

Recommended for routine antibacterial testing of antiseptics and disinfectants.

Composition**

| Ingredients | Gms / Litre |
|---|-------------|
| Peptone | 32.0222 |
| HM peptone B # | 7.0222 |
| Uqfkw o "e j ntkfg | 7.0222 |
| Hkpcn" r J "*"cv"47ÅE+ | 80 : 0204 |
| # Equivalent to Beef extract | |
| , , Hqt o wnc" cflwuvgf. "uvcp fctfk gf"vq"uwkv" r gthqt o cpeg" rctc o gyvtu | |

Directions

Uwurgpf" 42" i tc o u"kp" 3222" o n" purified / fkuvkngf" y cvgt0" J gcv"kh" pgeguuct { "vq" fkuuqnxg" vjg" o gfkwo "eq o rnvgn {0" Uvgtknk | g" d { "cwwqencxkpi" cv 37"ndu" r tguuwgt*"343ÅE+"hqt" 37" o kpwvgu0 Cool to 45-50°C. "Okz" y gnm"cpf" fkurgpug"cu" fguktgf

Principle And Interpretation

CCVEE" Dcevgtkquvcuku" Dtqvj "*"HFC" Dtqvj + "ku" wughwn" hqt" uwdewnvwtgu" kp" r j gpqn" eqghhkekpv" cpf" fknwvkqp" vguvu" qh" dcevgtkquvcvke. i gt o kekfcn. "urqtkekfcn" cevkkv { "*"3+"cpf" cnuq" cu" c"dcug" hqt" vjg" r tgrctvkkp" qh" CCVEE" Dcevgtkquvcuku" Cict*"4+0

Peptone" cpf" HM peptone B" ctg" uqwtegu" qh" ectdqp. "pkvtq i gp. "xkvc o kpu" cpf" o kpgtenu0" Uqfkw o "e j ntkfg" r tqxkfgu guugpvkcn" kqpu0

Vjg" vguv" ewnvwgtu" qh" *Escherichia coli*" "cpf" *Staphylococcus aureus*" "ctg" i tqy p" kp" CCVEE" Dcevgtkquvcuku" Dtqvj "hqt" 46" j qwtu0 3" o n" qh" vjku" ewnvwgt" ku" okzgf" ykvj" 372" o n" qh" CCVEE" Dcevgtkquvcuku" Cict" *O453+" cpf" r qwtgf" kp vq" vjg" rncvg0" Chvgt" vjg" cict uqnfkhhkgu. "cr r n { "c" ektewnc" uvgtkng" vguv" hcdtke" qh" 4 : 08" o o" fkc o gvg" qp vq" vjg" rncvg0" kpewdcvg" cv" 57/59ÅE" hqt" 3 : "/ "46" j qwtu" cpf qdugt xg" vjg" kp jkdvkqp" qh" i tqy vj" ctqwpf" vguv" hcdtke

Type of specimen

Disinfectant solution samples.

Specimen Collection and Handling

For disinfectant solution samples, follow appropriate techniques for sample collection and processing as per guidelines (1). After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning and Precautions :

Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling specimens. Safety guidelines may be referred in individual safety data sheets.

Limitations :

30 Fwg"vq" pwtvkvkpcn" xctckvkqpu. "uq o g" uvtckpu" o c { "ujqy" rqq" i tqy vj

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the "gzrkt { "rgtkqf" y jgp" uvqtgf" cv" recommended temperature.

Quality Control

Appearance

Etgc o "vq" { gnnqy" j q o q i gpgqwu" htgg" hmqy kpi" r qy fgt

Colour and Clarity of prepared medium

C o dgt" eqnqwtgf" engct" uqnwvkqp" kp" vwdgu0

Reaction

Tgcev kqp" qh" 402 ' " ylx" cswgqwu" uqnwvkqp" cv" 47ÅE0" r J " < 80: Ö204

pH

8082/9022

Cultural Response

Ewnwvtcn" e j ctcevgtkuvkeu" qdugt xgf" chvgt" cp" kpewdcvkqp" cv" 57/59ÅE" hqt" 3 : /46" j qwtu0

| Organism | Inoculum (CFU) | Growth |
|---|----------------|----------------|
| <i>Escherichia coli</i> ATCC 25922 (00013*) | 72/322 | i qqf/nwzwtkpv |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 (00025*) | 72/322 | i qqf/nwzwtkpv |
| <i>Staphylococcus aureus</i> ATCC 6538 | 72/322 | i qqf/nwzwtkpv |
| <i>Salmonella Typhi</i> ATCC 6539 | 72/322 | i qqf/nwzwtkpv |

Reference

30 Y knkc o u" *Gf0+. "3 ; ; 7. "Qhhkekc n" o gv j q fu" qh" Cpcn { uku" qh" CQCE. "38vj " g f0" CQCE. " Y cu j kpi vqp" F0E0
40Vge j 0" Ocpwcn" qh" CCVEE. "3 ; ; 7. "Xqn0" 83. "CCVEE. "Tgugctej" Vtkcp ing" Rctm. P0E0

Tgxkukqp" < 3" 4233

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.