



Diluting Fluid A

M1415

Intended Use:

Tgeqo o gpfgf" hqt" uvgtknk { "vguvkpi "qh" r jct o cegwkecnu" kp" ceeqf cpeg" ykvj "WUR0

Composition**

Ingredients	Gms / Litre
Peptone	1.000
Final pH (at 25°C)	7.1±0.2

**Formula adjusted, standardized to suit performance parameters

Directions

Uwurgpf" 302" i te o u" kp" 3222" o n" rwtkhkgf" l" fkuvknngf" y cvgt0" J gcv" kh" pgeguuct { "vq" fkuuqnxg" vjg" o gfkwo " eqo r ngvgn {0" Fkurgpug" kpvq" vwdgu" qt" hncumu" cu" fguktgf0" Uvgtknk | g" d { "cwwqencxpi" cv" 37" ndu" rtguuwgt" *343ÅE+ " hqt" 37" o kpwvgu0"

Principle And Interpretation

Fknwvki" Hnwkf" C" ku" tgeqo o gpfgf" cu" tkpuki" hnwkf" hqt" o g o dtepg" hknvgt" o gvj qf" wugf" kp" xcnkfcvkqp" vguvu" hqt" dcevgtkquvcuku" cpf" hwp i kuvcuku" cevxkv { "qh" r jct o cegwkecn" ctvkengu" dghqtg" ectt { kpi" qwv" uvgtknk { "vguv" rtqegfwtg" cu" rgt" WUR" *3+0" Chvgt" hknvgtkpi" vjg" urgekhhkgf" swcpkv { "qh" vjg" vguv" urgek o gp. "vjg" o g o dtepg" ku" tkpugf" ykvj" o gcuwtgf" rqtvkpu" qh" tkpuki" qt" fknwvki" hnwkf0" Vjku" tkpug" ku" kpewncvgf" ykvj" mpqyp" pw o dgt" qh" vguv" dcevgtkc" cpf" hwp i k" cu" urgekhhkgf" kp" r jct o ceqrqgk0" Vjg" tguwnvcpv" i tqy vj" ku" eqo rctgf" ykvj" rqukvxg" eqpvtqn" vq" fgvgf o kpg" rtgugpeg" qh" hwp i kuvcuku" qt" dcevgtkquvcuku" cevxkv { "kp" vguv" urgek o gp0

Type of specimen

Rjct o cegwkecn" uc o rng

Specimen Collection and Handling:

Hqt" r jct o cegwkecn" uc o rng" uc o rngu" hqmqy" crrtqrktcvg" vgejpkswgu" hqt" jcpfnkpi" urgek o gpu" cu" rgt" guvcdnku jgf" i wkfgnkpgu" *5,6+0" Chvgt" wug. "eqpvc o kpcvfg" o cvgtkcnu" o wuv" dg" uvgtknk | g" d { "cwwqencxpi" dghqtg" fkuectfkpi0

Warning and Precautions :

Tgcf" vjg" ncdgn" dghqtg" qrgpkpi" vjg" eqpvckpgt0" Ygct" rtqvgevkxg" inxgulrtqvgevkxg" enqvjkp ilg { g" rtqvgevkqpl" hceg" rtqvgevkqp0" Hqmqy" iqqf" oketqdknqikecn" ncd" rtcevekegu" yjknng" jcpfnkpi" urgek o gpu" cpf" ewnwvtg0" Uvcpctf" rtgecwvkpu" cu" rgt" guvcdnku jgf" i wkfgnkpgu" ujqwnf" dg" hqmqygf" yjknng" jcpfnkpi" urgek o gpu0" Uchgv { " i wkfgnkpgu" oc { " dg" tghgtgf" kp" kpfkxkfwcn" uchgv { " fcvc" u jggvu0

Limitations :

30 Freshly prepared medium plates must be used" qt" kv" o c { " tguwnv" kp" gttppgquw" tguwnvu.

40 Use of this method is appropriate only when test samples are clear.

Performance and Evaluation

Rgthqt o cpeg" qh" vjg" o gfkwo " ku" gzrgevfg" y jgp" wugf" cu" rgt" vjg" fktgevkqp" qp" vjg" ncdgn" ykvj" vjg" expiry period" when stored at recommended temperature.

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Colour and Clarity of prepared medium

Light yellow coloured clear solution

Reaction

Reaction of 0.1% w/v aqueous solution at 25°C. pH : 7.1±0.2

pH

6.90-7.30

Cultural Response

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

Organism	Inoculum (CFU)	Growth
<i>Candida albicans</i> ATCC 10231 (00054*)	50-100	good
<i>Escherichia coli</i> ATCC 25922 (00013*)	50-100	good
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 25923 (00034*)	50-100	good
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 6538 (00032*)	50-100	good

Key : *Corresponding WDCM numbers.

Storage and Use

Store at 2-8°C. Do not freeze. Use within 30 days of opening. Do not use if the medium is discolored, cloudy, or has a strong odor. Do not use if the medium is dry or if the container is damaged. Do not use if the medium is contaminated. Do not use if the medium is expired. Do not use if the medium is not at room temperature. Do not use if the medium is not in its original container. Do not use if the medium is not sealed. Do not use if the medium is not in its original container. Do not use if the medium is not sealed. Do not use if the medium is not in its original container. Do not use if the medium is not sealed.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with sample must be decontaminated and disposed of in accordance with current laboratory techniques (1,2).

Reference

1. The United States Pharmacopoeia / National Formulary, USP34 / NF29, 2011, Asian Edition, US Pharmacopoeial convention Inc., Rockville, MD.

Revision : 02 / 2016

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 or therapeutic use but for laboratory, diagnostic, 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.