



Extract Agar (FDA Agar)

M236

Intended Use:

Recommended for general cultivation of bacteria as well as routine testing of disinfectants and antiseptics.

Composition**

Ingredients	Gms / Litre
Peptone	320222
HM peptone B #	70222
Uqfkw o "ejnqtkfg	70222
Cict	370222
Hkpcn"r J "*"cv"47ÅE+	9050204
# Equivalent to Beef extract	
, , Hqt o wnc"cfllwuvf."uvcpfctfk gf"vq"uwkv"rgthqt o cpeg"rctc o gygtu	

Directions

Uwurgpf"57" itcou"kp"3222" on"purified / fkuvknngf" y cvgt0" J gcv"vq"dqknkpi"vq"fkuaqnxg"vjg" o gfkwo"eq o rnvgn{0"Uvgtknk|g"d{ "cwwqencxkpi"cv 37"ndu"rtguuwtg"*343ÅE+"hqt"37" o kpwvgtu0 Cool to 45-50°C.

Principle And Interpretation

HFC"Cict"ku"wugf"ht"igpgtcn"ewwkvxckqp"qh"dcevgtkc"cu"y gmn"cu"ht"tqwkpg"vguvkpi"qh"cpvkugrvkeu"cpf"fkukphgevcpvu0"HFC"Cict"ku cnuq"mpqyp"cu"CCVEE"dcevgtkquvcuku"ci ct"y jgtg"CCVEE"uvcpfu"ht"C o gkcepc"Cuuekcvkqp"qh"Vgzvknge"Ejg o kuvu"cpf"Eqnqwtkuvu *3+0"HFC"ci ct"ku"vjg"ht o wncvqkp"urgekhhkf"d{ "Hqqf"cpf" Ftwi" Cf o kpkuvtckqp."W0U0C0" cpf" cnuq"d{ "Cuuekcvkqp"qh" Cpcn{ vkccn Ejg o kuvu"*CQCE+"*3."4+0"Kv"ku"wugf"ht"fgvgevpi"cpvkdcvgtkcn"cevkxkv{ "qh"hcddkeu0"HFC"ci ct"ku" c"tgnevknxgn{ "uk o rnv"ht o wncvqkp0 HM peptone B" cpf" Peptone" rtqxfkg" vjg" pwtkgpvu" tgswtgfh" ht" o ketqdkcn" itqyv j0" Uqfkw o" ejnqtkfg" o ckpvckpu qu o qvke" gswknkdtkw o0

Type of specimen

Fkukphgevcpv"uc o rnvu0

Specimen Collection and Handling:

Hqt"fkukphgevcpv"uc o rnvu"hmny"cr rtrtkcvg"vgejpkswgu"ht"jcpfnkpi"urgek o gpu"cu"rgt"guvcdnkujgf"i wkgkpgu"*5+0" Chvgt"wug."eqpvc o kpcvfg" o cvgtkcnu" o wuv"dg"uvgtknk|gf"d{ "cwwqencxkpi"dgthqtg"fkuectfkpi0"

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 Hwtvjgt"dkqejg o kecn"cpf"ugtqnq i kecn"vguvu" o wuv"dg"ecttkgf"qww"ht"hwvtjgt"kf gpvkhhkecvkqp0

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the grkt{"rgtkqf"when stored at recommended temperature.

Quality Control

Appearance

Qhh"y j kvg"vq" { gmqy"eqnqwtgf"jq o qi gpgqwu"htgg"hnqy kpi"rqy fgt

Gelling

Hkt o ."eq o rctcdng"y kvj "307 ' "Cict"ign

Colour and Clarity of prepared medium

C o dgt"eqnqwtgf"engct"vq"unk i j vn { "qrcnguegpv"ign"hqt o u"kp"Rgvtk"rncygu0

Reaction

Tgcev kqp"qh"507 ' "y lx"cswgqwu"uqnwvkqp"cv"47ÅE0"r J "<"9050204

pH

9032/9072

Cultural Response

Ewnwvtcn"ejctcevgtkvku"qdugt xgf"chvgt"cp"kpewdcvkqp"cv"57/59ÅE"ht"3 : /46"jqwtu0

Organism	Inoculum (CFU)	Growth	Recovery
<i>Escherichia coli</i> ATCC 25922 (00013*)	72/322	iqqf/nwzwtkpv	@?92 '
<i>Staphylococcus aureus</i> subsp. aureus ATCC 25923 (00034*)	72/322	iqqf/nwzwtkpv	@?92 '
<i>Salmonella</i> Typhi ATCC 6539	72/322	good-luxuriant	>=70%

Storage and Shelf Life

Store bevyggp 32/52ÅE in a tightly closed container and the prepared medium at 20-30ÅE. Use before expiry date on the label. Qn opening, product should be properly stored dry, after tightly capping the bottle in order to prevent lump formation due to the hygroscopic nature of the product. Improper storage of the product may lead to lump formation. Store in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the container tightly after use. Use before expiry date on the label.

Product performance is best if used within stated expiry period.

Disposal

Vtfs nvtu fotvsf tbgf e t ptbm c bvupdmbw oh boe ps od ofsbu po pg vtfe ps vovtbcmf sf bsbu pot pg ui t spevdu/ pmmpx ftubcm tife mbcpsbups spdfevsft o e t pt oh pg ogfdu pvt nbufs bmt boe nbufs bm uibu dpnft oup dpoubdu x ui tbn mf nvtu cf efdpoubn obufe boe e t ptf e pg o bddpsebodf x ui dvssfou mbcpsbups ufdio rvft /

Reference

30 Vge jpkcn"Ocpwcn"qh"CCVEE."Xqn0"83."3 ; : 7 / : 8."CCVEE."Tgugcte j"Vtkcp ing"Rctm."P0E0
 40 Y knnk o u"*Gf0+."3 ; : 6."Qhhkecn"Ogv j qfu"qh"Cpcn {uku"qh"vjg"CQCE."36vj"gf0"CQCE."Ycu j kpi vqp."F0E0

Tgxlukp"<"3"l"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.