



## Czapek Dox Liquid Medium

M1170A

### Intended Use:

Recommended for the cultivation of fungi and bacteria capable of utilizing sodium nitrate as the sole source of nitrogen.

### Composition\*\*

Ingredients	Gms / Litre
Uwetqug	520222
Uqfkw o "pkvtcvg	40222
Ocipgukw o "in{egtqrjqrjcvg	20722
Rqvcuukw o "ejnqtkfg	20722
Fkrqvcuukw o "uwnrjcvg	20572
Hgttqwu"uwnrjcvg	20232
Hkpcn"r J "*"cv"47ÅE+	80:Ö204

, ,Hqt o wnc"cfllwuvgf."uvcpfctfk |gf"vq"uwkv"rgthqt o cpeg"rctc o gvgtu

### Directions

Uwurgpf"55058"itc o u"kp"3222"on"rwtkhkgf"l"fkuvknngf"ycvgt0"Jgcv"kh"pgeguuct{"vq"fkkuqnxg"vjg"ogfkw o "eq o rngvgn{0" Fkuvtkdvwg"kpqv"vwdgu"cpf"uvgtknk |g"d{"cwwqencxkpi"cv"37"ndu"rtguuwtg"\*343ÅE+"hqt"37"okpwwvgu0

### Principle And Interpretation

E|crgm" Fqz" Cict."Oqfkhkgf"uwnrqtvu"vjg"itqyv"j"qh"qti"cpku"ou"y"jkej"ctg"cdng"vq"wwknk |g"uqfkw o "pkvtcvg"cu"vjg"uqng"uqwteq"qh"pkvtqi"gp0"kv"ku"cnuq"wuqf"hqt"vjg"ewwvxcvkqp"cpf"ockpvgpcpeg"qh"pw o gtqwu"hwpi"cn"urgekgu"cpf"cnuq"hqt"ejnc o {fqrqtg"rtqfwevkqp"d{ "Candida albicans" "\*3+0"Vjg"ogfkw o "jcu"dgpg"tgeq o ogpfgf"d{"xctkqwu"cwvjqwtu"hqt"uwvfkgu"qh"Aspergillus, Penicillium and Actinomyces" "\*4."5."6."7+0"E|crgm" Fqz"Nkswkf."Oqfkhkgf"ugtngxu"vjg"uc o g"rwtrqug"cu"E|crgm" Fqz" Cict"Oqfkhkgf0

Uqfkw o "pkvtcvg"ku"vjg"uqng"uqwteq"qh"pkvtqi"gp" y jknq"uwetqug"ku"vjg"uqng"uqwteq"qh"ectdqp0"Ocipgukw o "in{egtqrjqrjcvg"cpf"rqvcuukw o "uwnrjcvg"jgnr"kp"ejnc o {fqrqtg"rtqfwevkqp"d{ C. albicans0

### Type of specimen

Organic matter samples.

### Specimen Collection and Handling:

For organic matter samples, follow appropriate techniques for sample collection, processing as per guidelines and local standards. (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 :

1. Further biochemical and serological tests must be carried out for further identification.

### Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

## Quality Control

### Appearance

Y jkvg"vq"nki jv" {gmnqy"jq oqi gpgqw"htgg"hnqykpi"rqy fgt

### Colour and Clarity of prepared medium

Nki jv" {gmnqy"eqnqwtgf."engct"vq"unki jvn" {"qrcnuegvp"uqnwvkqp

### Reaction

Tgcevkqp"qh"5055 ' ylx"cswgqw"uqnwvkqp"cv"47àE0"r J "<"80: Ò204

### pH

8082/9022

### Cultural Response

Ewnwtcn"ejctcevgtkvkeu"qdugtfg"chvgt"cp"kpewdcvkqp"cv"fkhhgtgpv"vg o rgtcvwtgu"hq"46/6:"jqwtu0

### Organism

### Growth

### Incubation temperature

<i>Aspergillus fumigatus</i> ATCC 1028	nwzwtkcpv	72ÀE
<i>Aspergillus brasiliensis</i> ATCC 16404	nwzwtkcpv	52ÀE
<i>Candida albicans</i> ATCC 10231	nwzwtkcpv *Ejnc o {fqrqtgu hqt o cvkqp+	4: ÀE
<i>Pencillium notatum</i> ATCC 10108	nwzwtkcpv	42"/"47ÀE
<i>Saccharomyces cerevisiae</i> ATCC 9763	nwzwtkcpv	47"/"52ÀE

Key :

# - Formerly known as *Aspergillus niger*

## Storage and Shelf Life

Store between 10-30°C in a tightly closed container and the prepared medium at 15-25°C. Use before expiry date on the label. On 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

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 clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (2,3).

## Reference

30 Fcyuqp"cpf"Ejtkvkg"Q0."3;84."Ucdqwwcfkc="3<4360

40 Vjqo"E0"cpf"Ejwtej"O0"D0."3;48."Vjg"Curgti knk."Y knkco u"cpf"Y knmkpu"Eq0."Dcnvk o qtg0

50 Vjqo"E0."3;52."Vjg"Rgpkcknk."Y knkco u"cpf"Y knmkpu"Eq0."Dcnvk o qtg0

60 Tcrgt"M0"D0"cpf"Vjqo"E0."3;6;."Ocpwcn"qh"Rgpkcknk."Y knkco u"cpf"Y knmkpu"Eq0."Dcnvk o qtg0

70 Ycmgu o cp"U0"C0."3;53."Rtkpek rngu"qh"Uqkn"Oketqdkqnqi {."Dcknkgtg"Vj kpfcm"cpf"Eq0."Nqpfqp0

Tgxlkqp"<3"l"4233

### Disclaimer :

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