TM4131 TRYPTONE SOYA BROTH 10ML
TM4074 TRYPTONE SOYA BROTH 90ML
TM4104 TRYPTONE SOYA BROTH 200ML
TM4128 TRYPTONE SOYA BROTH 400ML
TM4137 TRYPTONE SOYA BROTH 500ML
TM4721 TRYPTONE SOYA BROTH 4L
TM4734 TRYPTONE SOYA BROTH 20ML

FORMULA

Pancreatic Digest of Casein	17.0	gm per litre
Papaic Digest of Soybean	3.0	
Sodium Chloride	5.0	
Dibasic Potassium Phosphate	2.5	
Glucose	2.5	

pH 7.3 ± 0.2
* Formulation may be adjusted and/ or supplemented to meet performance criteria

DESCRIPTION [1]

A highly nutritious medium recommended for general laboratory use. Due to the use of a double peptone, the medium is able to provide luxuriant growth of many fastidious organisms without the need for enrichment.

This medium is as described in TGA Guidelines [2], and the US Pharmacopoeia [3].

QUALITY CONTROL

ORGANISMS:	***B. subtilis*** MVQC 0118 (ATCC™ 11774), ***C. albicans*** MVQC 0007 (ATCC™ 10231), ***A. brasiliensis**** (ATCC™ 16404).
SAMPLE NUMBER:	Sterility sample size is determined in accordance with ASM Guidelines (4).
STERILITY:	Incubated at 30-35°C and 20-25°C for 14 days after which they are examined for sterility (2).
INOCULUM:	Inoculate media with approximately ≤100 colony forming units of each organism described above (2).
INCUBATION:	3-5 days / 20-25°C / aerobically (2).

EXPECTED RESULTS:

B. subtilis	4 – 5+ recovery
C. albicans	4 – 5+ recovery
A. brasiliensis	4 – 5+ recovery

* formerly ***Aspergillus niger*** (5)

ALSO CHECKED AND RECORDED:
1. Batch number correct
2. Colour
3. Clarity
4. Final pH 7.3 ± 0.2
5. Sterility

STORAGE

A shelf life of 12 months applies when TM4131, TM4074, TM4104, TM4128, TM4137 and TM4731 are stored at 2° - 30°C in its original packaging.
A shelf life of 12 months applies when TM4734 is stored at 2° - 8°C in its original packaging

REFERENCES

1. Bridson, E.Y. The Oxoid Manual, 9th Edition. 2006. Oxoid Limited, Basingstoke.
2. Therapeutic Goods Administration. *TGA Guidelines for Sterility Testing of Therapeutic Goods*. 2006. Commonwealth Department of Health and Ageing, Canberra.
3. *United States Pharmacopoeia* 2008. *61. Microbiological Examination of Non-Sterile Products: Microbial Enumeration tests. 62. Microbiological Examination of Non-Sterile Products: Tests for Specified Micro-organisms.*
4. *Guidelines for Assuring Quality of Medical Microbiological Culture Media*. 2nd Edition 2012. Media Quality Control Special Interest Group, Australian Society for Microbiology.
5. ATCC website www.atcc.org