



## TECHNICAL DATA SHEET

**DESCRIPTION** VEGETABLE TRYPTONE SOYA BROTH  
(VEGETABLE PEPTONE BROTH), BOTTLED

**SGL PRODUCT CODE** 3527

An enrichment medium designed to recover a wide range of micro-organisms similar to casein soya bean digest broth (also known as tryptone soya broth (TSB)), as described in the European Pharmacopoeia (EP) 2.6.12 and 2.6.13 and United States Pharmacopoeia (USP) <61> and <62>.

Note: the peptone in the product is of non-animal origin but the performance has been verified as equivalent to classical TSB.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Peptone (non-animal origin)	20.0 g
Glucose	2.5 g
Sodium chloride	5.0 g
Dipotassium hydrogen phosphate	2.5 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, amber to brown liquid
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 14 days	No growth detected
Incubation at 35-37°C for 14 days	No growth detected
Incubation at 42-45°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 WDCM 00053 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 5 days
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 WDCM 00003 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Candida albicans</i> ATCC 10231 NCPF 3179 WDCM 00054 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 5 days



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923 WDCM 00012 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Kocuria rhizophila (Micrococcus luteus)</i> ATCC 9341 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Pseudomonas aeruginosa</i> ATCC 9027 NCIB 8626 WDCM 00026 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12903 WDCM 00025 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 WDCM 00032 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).