



## TECHNICAL DATA SHEET

**DESCRIPTION** TSB + 4% TWEEN 20 + 0.5% LECITHIN, BOTTLED  
**SGL PRODUCT CODE** 3050

An enrichment medium also known as casein soya bean digest broth designed to recover a wide range of micro-organisms. The medium contains Tween 20 and Lecithin as neutralising agents to reduce the growth inhibiting effects of a range of potentially interfering or antimicrobial substances.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	17.0 g
Enzymatic digest of soybean	3.0 g
Sodium chloride	5.0 g
Dipotassium hydrogen phosphate	2.5 g
Glucose monohydrate	2.5 g
Lecithin	5.0 g
Tween 20	40 ml
Purified water	960 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured liquid
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected
Incubation at 35-37°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> ATCC 6538 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48hrs
<i>Pseudomonas aeruginosa</i> ATCC 27853 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48hrs
<i>Bacillus subtilis</i> ATCC 6633 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48hrs
<i>Escherichia coli</i> ATCC 8739 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48hrs
<i>Enterococcus faecalis</i> ATCC 19433 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48hrs

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 by a UKAS (ISO 17025) accredited laboratory (Ref. No. 4356).