



TECHNICAL DATA SHEET

DESCRIPTION TSB + 4% TWEEN® 80 + 0.5% LECITHIN, BOTTLED
SGL PRODUCT CODE 3229

An enrichment medium also known as casein soya bean digest broth designed to recover a wide range of micro-organisms. The medium contains Polysorbate (Tween®) 80 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
Polysorbate (Tween®) 80	40 ml
Lecithin	5.0 g
Purified water	960 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 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 NCTC 10788 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48 hours
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48 hours
<i>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 3 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NCPF 2275 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48 hours



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12903 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48 hours
<i>Salmonella typhimurium</i> ATCC 14028 NCTC 12023 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 48 hours

NMT = Not more than

NLT = Not less than

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).