



TECHNICAL DATA SHEET

DESCRIPTION TRYPTONE SOYA BROTH DOUBLE STRENGTH,
BOTTLED/BAGGED

SGL PRODUCT CODE 0597

A double strength enrichment medium, which, when diluted to single strength, is also known as casein soya bean digest broth designed to recover a wide range of micro-organisms. The formulation for the diluted single strength is described in the European Pharmacopoeia (EP) 2.6.12 and 2.6.13 and United States Pharmacopoeia (USP) <61> and <62>.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	34.0 g
Enzymatic digest of soybean	6.0 g
Sodium chloride	10.0 g
Dipotassium hydrogen phosphate	5.0 g
Glucose monohydrate	5.0 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 brown liquid
pH at 20-25°C	7.2 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected
Incubation at 30-35°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 both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Pseudomonas aeruginosa</i> ATCC 9027 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Bacillus subtilis</i> ATCC 6633 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 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NMT 100 CFU inoculum	Growth detected at both 20-25°C and 30-35°C incubation after not more than 3 days



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Kocuria rhizophila</i> (<i>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 27853 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

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

Manufactured in compliance with ISO 9001 (Ref No FM37824).