



TECHNICAL DATA SHEET

DESCRIPTION TRYPTIC SOY BROTH (DIFCO), BOTTLED
SGL PRODUCT CODE 3317

An enrichment medium also known as soybean casein digest medium designed to recover a wide range of micro-organisms as 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
Pancreatic digest of casein	17.0 g
Papaic digest of soybean	3.0 g
Sodium chloride	5.0 g
Dipotassium phosphate	2.5 g
Dextrose	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, dark brown liquid
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for a minimum of 14 days	No growth detected
Incubation at 30-35°C for a minimum of 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>Bacillus spizizenii (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>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

NMT = Not more than

NLT = Not less than

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

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