



TECHNICAL DATA SHEET

DESCRIPTION TRYPTONE SOYA AGAR, 90MM PLATES
SGL PRODUCT CODE 8084

A medium also known as casein soya bean digest agar designed to recover a wide range of micro-organisms as described in the European Pharmacopoeia (EP) 2.6.12, United States Pharmacopoeia (USP) <61> and ISO 11133.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	15.0 g
Papaic digest of soya bean	5.0 g
Sodium chloride	5.0 g
Agar	15.0 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, pale straw coloured gel
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for a minimum of 5 days	No growth detected
Incubation at 30-35°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> ATCC 6538 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Pseudomonas aeruginosa</i> ATCC 9027 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Bacillus subtilis</i> ATCC 6633 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Bacillus cereus</i> ATCC 11778 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Escherichia coli</i> O157 NCTC 12900 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Listeria monocytogenes</i> ATCC 13932 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
<i>Staphylococcus aureus</i> ATCC 25923 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 3 days

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GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Candida albicans</i> ATCC 10231 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 5 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NMT 100 CFU inoculum	70%-140% CFU recovery compared to control at 30-35°C incubation after not more than 5 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).