



## TECHNICAL DATA SHEET

**DESCRIPTION** DEXTROSE TRYPTONE AGAR, BOTTLED  
**SGL PRODUCT CODE** 3246

A medium for the detection and enumeration of 'Flat sour' thermophilic and mesophilic organisms in food products.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	10.0 g
Dextrose	5.0 g
Bromocresol purple	0.04 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	Translucent purple gel
pH at 20-25°C	6.9 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Bacillus stearothermophilus</i> NCTC 10003 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 55°C incubation after not more than 1 day
<i>Bacillus subtilis</i> ATCC6633, NCTC 10400 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 30-35°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 25922 NCTC 12241 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 30-35°C incubation after not more than 1 day

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).