



## TECHNICAL DATA SHEET

**DESCRIPTION** DEXTROSE TRYPTONE BROTH, BOTTLED  
**SGL PRODUCT CODE** 3489

A medium used for the cultivation of mesophilic or thermophilic spoilage organisms from food. Acid producing organisms such as 'flat sour' thermophiles change the colour of the medium from purple to yellow.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	20.0 g
Dextrose	10.0 g
Bromocresol purple	0.04 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 red to purple with light precipitate
pH at 20-25°C	6.7 ± 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> ( <i>Geobacillus stearothermophilus</i> ) NCTC 10003 NMT 100 CFU inoculum	Evidence of growth + colour change to yellow at 53-57°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).