



TECHNICAL DATA SHEET

DESCRIPTION TRYPTONE WATER, BOTTLED
SGL PRODUCT CODE 9053

A medium for the detection of indole formation when identifying bacteria.

The formulation complies with the specification of ISO 7251 (BS 5763-8) Microbiological examination of food and animal feedingstuffs – Enumeration of presumptive *Escherichia coli*. Most probable number technique

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	10.0 g
Sodium chloride	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, colourless liquid
pH at 20-25°C	7.5 ± 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>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923	Moderate to heavy growth, indole positive at 35-37°C incubation after not more than 1 day
<i>Enterobacter cloacae</i> ATCC 13047 NCIB 10101	Moderate to heavy growth, indole negative at 35-37°C incubation after not more than 1 day

Indole reaction determined by addition of SGL 0658 Kovac's reagent

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).