



## TECHNICAL DATA SHEET

**DESCRIPTION** ENTEROBACTERIACEAE ENRICHMENT (EE) BROTH,  
BOTTLED

**SGL PRODUCT CODE** 4781

A medium for the selective enrichment of *Enterobacteriaceae* from food and other materials. The medium is compliant with the specifications of EN ISO 21528-1

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue	10.0 g
Glucose	5.0 g
Ox bile	20.0 g
Brilliant green	0.0135 g
Disodium hydrogen phosphate	6.45 g
Potassium dihydrogen phosphate	2.0 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Green, clear to slightly hazy liquid with no to trace precipitate
pH at 20-25°C	7.2 ± 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 NCIMB 8545 NCTC 12923 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Salmonella typhimurium</i> ATCC 14028 NCTC 12023 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Pseudomonas aeruginosa</i> ATCC 9027 NMT 100 CFU inoculum	Evidence of growth at 35-37°C incubation after not more than 1 day
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NLT 10000 CFU inoculum	Inhibited at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NLT 10000 CFU inoculum	Inhibited at 35-37°C incubation after not more than 1 day

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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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).