



TECHNICAL DATA SHEET

DESCRIPTION M-ENDO AGAR LES, BOTTLED
SGL PRODUCT CODE 3598

A medium designed for the selective enumeration of coliforms in water samples.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Lactose	9.4 g
Tryptose	7.5 g
Enzymatic Digest of Casein	3.7 g
Enzymatic Digest of Animal Tissue	3.7 g
Sodium chloride	3.7 g
Dipotassium hydrogen phosphate	3.3 g
Sodium sulphite	1.6 g
Yeast extract	1.2 g
Potassium dihydrogen phosphate	1.0 g
Basic fuchsin	0.8 g
Sodium deoxycholate	0.1 g
Sodium lauryl sulphate	0.05 g
Agar	15.0 g
Purified water	1000 ml
Ethanol	20 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Red coloured gel
pH at 20-25°C	7.2 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Escherichia coli</i> ATCC 25922 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after 18-24 hours. Red colonies with metallic sheen
<i>Enterobacter aerogenes</i> ATCC 13048 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after 18-24 hours. Red colonies with metallic sheen
<i>Staphylococcus aureus</i> ATCC 25923 NLT 1000 CFU inoculum	Total inhibition at 35-37°C incubation after 18-24 hours



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Enterococcus faecalis</i> ATCC 19433 NLT 1000 CFU inoculum	Total inhibition at 35-37°C incubation after 18-24 hours

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).