



TECHNICAL DATA SHEET

DESCRIPTION BRILLIANT GREEN AGAR (MODIFIED), 90MM PLATES
SGL PRODUCT CODE 7070

A selective medium for the isolation of *Salmonella* species.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Meat extract	5.0 g
Peptone	10.0 g
Yeast extract	3.0 g
Disodium hydrogen phosphate	1.0 g
Sodium dihydrogen phosphate	0.6 g
Lactose	10.0 g
Sucrose	10.0 g
Phenol red	0.09 g
Brilliant green	0.0047 g
Agar	12.0 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, dark amber gel
pH at 20-25°C	6.9 ± 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>Salmonella enteritidis</i> NCTC 5188	≥50% recovery compared to control at 35-37°C incubation after 24±4 hours. Pink coloured colonies.
<i>Salmonella abony</i> NCTC 6017	≥50% recovery compared to control at 35-37°C incubation after 24±4 hours. Pink coloured colonies.
<i>Escherichia coli</i> ATCC 8739	Poor recovery / inhibition compared to control at 35-37°C incubation after 24±4 hours. Green coloured colonies.
<i>Enterococcus faecalis</i> ATCC 19433	No growth compared to control at 35-37°C incubation after 24±4 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).