



TECHNICAL DATA SHEET

DESCRIPTION CHROMOGENIC SALMONELLA AGAR (CONDA), 90MM PLATES
SGL PRODUCT CODE 7148

A selective chromogenic medium used for the detection and presumptive identification of *Salmonella* species from clinical samples, foods and waters. The medium can be used as a second medium for the detection of *Salmonella* in food and water according to ISO 6579 and ISO 19250.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	5.0 g
Beef extract	5.0 g
Sodium citrate	8.5 g
Chromogenic mixture	5.81 g
Agar	12.8 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 to slightly opalescent pale straw 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
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Salmonella enteritidis</i> NCTC 5188	Good growth compared to control, magenta colonies at 35-37°C incubation after not more than 1 day
<i>Salmonella typhimurium</i> ATCC 14028 NCTC 12023	Good growth compared to control, magenta colonies at 35-37°C incubation after not more than 1 day
<i>Enterococcus faecalis</i> ATCC 19433 NCTC 775	Partial to total inhibition at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCIMB 8545	May be inhibited compared to control, colourless to white colonies at 35-37°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).