



## TECHNICAL DATA SHEET

**DESCRIPTION** VOGEL JOHNSON AGAR, 90MM PLATES  
**SGL PRODUCT CODE** 8090

A selective medium used for the isolation of *Staphylococcus aureus* from clinical specimens and food. The medium complies with the United States Pharmacopeia (USP) <61> microbial limit test.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Tryptone	10.0 g
Yeast extract	5.0 g
Mannitol	10.0 g
Dipotassium phosphate	5.0 g
Lithium chloride	5.0 g
Glycine	10.0 g
Phenol red	0.025 g
Potassium tellurite	0.05 g
Agar	16.0 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, pale red coloured gel
pH at 20-25°C	7.1 ± 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>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545 NMT 100 CFU inoculum	Complete inhibition at 35-37°C incubation after not more than 1 day
<i>Staphylococcus epidermidis</i> ATCC 14990 NCTC 13360 NMT 100 CFU inoculum	May be no significant growth compared to control at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	>50% CFU recovery compared to control at 35-37°C incubation after not more than 1 day. Black colonies, yellow background

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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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).