



TECHNICAL DATA SHEET

DESCRIPTION DNASE AGAR, 90MM PLATES
SGL PRODUCT CODE 8035

A medium used to detect deoxyribonuclease enzymes and hence to differentiate *Staphylococcus aureus* from other staphylococci.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue	20.0 g
Sodium chloride	5.0 g
Deoxyribonucleic acid	2.0 g
Agar	15.0 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 or translucent, colourless gel
pH at 20-25°C	7.3 ± 0.3

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>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Good growth compared to control. Clear zone around colonies when flooded with 1M hydrochloric acid at 35-37°C incubation after not more than 1 day
<i>Staphylococcus epidermidis</i> ATCC 14990 NCTC 11047	Good growth compared to control. No clear zone around colonies when flooded with 1M hydrochloric acid 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).

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