



TECHNICAL DATA SHEET

DESCRIPTION MIDDLEBROOK 7H11 AGAR SLOPE, BOTTLED

SGL PRODUCT CODE 3071

A medium used for the isolation, cultivation and sensitivity testing of *Mycobacterium* spp..

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	0.9 g
Ammonium sulphate	0.45 g
Monopotassium phosphate	1.35 g
Disodium phosphate	1.35 g
Sodium citrate	0.36 g
Magnesium sulphate	0.045 g
L-glutamic acid	0.45 g
Ferric ammonium citrate	0.036 g
Pyridoxine	0.0009 g
Biotin	0.00045 g
Malachite green	0.0009 g
Dextrose	2.0 g
Sodium chloride	0.85 g
Bovine catalase	0.004 g
Oleic acid	0.05 g
Bovine albumin fraction V	5.0 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	Light yellowish green, slightly opalescent gel
pH at 20-25°C	6.6 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°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>Mycobacterium bovis</i> NCTC5692	Growth within 14 days at 35-37°C anaerobic incubation

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).