



TECHNICAL DATA SHEET

DESCRIPTION MIDDLEBROOK 7H10 AGAR, 90MM PLATES
SGL PRODUCT CODE 7046

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

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Ammonium sulphate	0.5 g
L-Glutamic acid	0.5 g
Monopotassium phosphate	1.5 g
Disodium phosphate	1.5 g
Sodium citrate	0.4 g
Ferric ammonium citrate	0.04 g
Magnesium sulphate	0.025 g
Calcium chloride	0.0005 g
Zinc sulphate	0.001 g
Copper sulphate	0.001 g
Pyridoxine hydrochloride	0.001 g
Biotin	0.0005 g
Malachite green	0.00025 g
Bovine albumin fraction V	5.0 g
D-glucose	2.0 g
Sodium chloride	0.85 g
Oleic acid	0.05 g
Bovine catalase	0.0004 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 amber, slightly opalescent gel
pH at 20-25°C	6.6 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected
Incubation at 35-36°C for 14 days	No growth detected
Incubation at 42-45°C for 14 days	No growth detected



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Mycobacterium bovis</i> NCTC5692	Growth within 14 days at 35-37°C microaerophilic incubation

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).