TECHNICAL DATA SHEET

DESCRIPTION MIDDLEBROOKS 7H11 AGAR, 25ML FILL 90MM PLATES
SGL PRODUCT CODE 7149

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

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Glycerol	5.0 g
Casein enzyme hydrolysate	1.0 g
Ammonium sulphate	0.5 g
Monopotassium phosphate	1.5 g
Disodium phosphate	1.5 g
Sodium citrate	0.4 g
Magnesium sulphate	0.05 g
L-Glutamic acid	0.5 g
Ferric ammonium citrate	0.04 g
Pyridoxine	0.001 g
Biotin	0.0005 g
Malachite green	0.001 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 35-37°C for 14 days	No growth detected
Incubation at 42-45°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
Mycobacterium bovis 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).