



TECHNICAL DATA SHEET

DESCRIPTION YEAST EXTRACT AGAR (MYA), BOTTED
SGL PRODUCT CODE 3422

A medium typically used for the preparation of *Bacillus* species spores.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	2.0 g
Meat extract	10.0 g
Manganese sulphate	0.04 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	Straw to beige coloured gel
pH at 20-25°C	7.0 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400	Good growth compared to control at 35-37°C incubation after not more than 48±4hours
<i>Bacillus cereus</i> ATCC 10876 NCTC 7464	Good growth compared to control at 35-37°C incubation after not more than 48±4hours

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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).