



## TECHNICAL DATA SHEET

**DESCRIPTION** M-GREEN YEAST AND MOULD BROTH, BOTTLED

**SGL PRODUCT CODE** 4777

A medium used for the detection of yeasts and fungi in the routine analysis of beverages.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	9.0 g
Glucose (anhydrous)	50.0 g
Enzymatic digest of casein	5.0 g
Peptic digest of animal tissue	5.0 g
Magnesium sulphate	2.1 g
Potassium phosphate	2.0 g
Diastase	0.05 g
Thiamine	0.05 g
Bromocresol green	0.026 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, green liquid
pH at 20-25°C	4.6 ± 0.3

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>Candida albicans</i> ATCC 2091 NCPF 3255 NMT 100 CFU inoculum	Good growth at 35-37°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923 NMT 100 CFU inoculum	May be inhibited at 35-37°C incubation after not more than 2 days

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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