



TECHNICAL DATA SHEET

DESCRIPTION AESCULIN AGAR, BOTTLED
SGL PRODUCT CODE 0824

A differential medium for demonstrating aesculin hydrolysis by various microorganisms.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptic digest of animal tissue	5.0 g
Ferric citrate	0.5 g
Aesculin	1.0 g
Agar	14.5 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Pale brown slope with blue opalescent tint
pH at 20-25°C	7.6 ± 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>Enterococcus faecalis</i> ATCC 19433 NCTC 775	Blackening of the medium at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 25922 NCTC 12241	No blackening of the medium at 35-37°C incubation after not more than 1 day

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).