

Distribution: Central File

Date: 03/03/04

Supersedes: 05/08/03

## OXOID QUALITY ASSURANCE

## PRODUCT SPECIFICATION

## BILE AESCULIN AGAR (OXOID)

CM888

## Formula

Peptone	grams per litre	8.0
Bile salts		20.0
Ferric citrate		0.5
Aesculin		1.0
Agar		15.0

## Directions

Suspend 44.5g in 1 litre of distilled water and bring gently to the boil to dissolve completely. Sterilize by autoclaving at 121°C for 15 minutes.

## Physical Characteristics

Straw, free flowing powder

Moisture level - less than 7%

pH 7.1 ± 0.2 at 25°C

Clarity - passes test

Gel strength - firm, comparable to 15g/litre Agar

## Bacteriology Tests using Optimum Inoculum Dilution

## Reactions after incubation at 37°C for 18-24 hours

<i>Enterococcus faecalis</i>	ATCC 19433	0.25-1mm brown colonies, aesculin hydrolysis
<i>Enterococcus faecalis</i>	ATCC 29212	0.25-1mm brown colonies, aesculin hydrolysis
<i>Enterococcus faecium</i>	NCTC 7171	0.25-1mm brown colonies, aesculin hydrolysis
<i>Enterococcus durans</i>	ATCC 19432	0.25-1mm brown colonies, aesculin hydrolysis
<i>Streptococcus bovis</i>	ATCC 27960	0.25-1mm brown colonies, aesculin hydrolysis
<i>Enterobacter aerogenes</i>	ATCC 13048	1-2mm brown colonies, aesculin hydrolysis
<i>Streptococcus pyogenes</i>	ATCC 19615	No growth