

Distribution: Central File

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**OXOID QUALITY ASSURANCE
PRODUCT SPECIFICATION**

BILE SALTS No.3

LP0056

Description

A refined bile salt for use as a selective inhibitory agent in bacteriological culture media.

Physical and Chemical Characteristics

Appearance - white powder

0.15% aqueous solution clear, colourless and free from extraneous matter

Loss on drying less than 7%

Absorbance at 450nm (2% soln) - 0.000 - 0.025 units

Microbiological Characteristics

Incorporate Bile Salts No.3 into Violet Red Bile Glucose Agar (V.R.B.G.A) (CM0485). Prepare plates and inoculate with the following Quality Control organisms :

Microbiological Tests using Optimum Inoculum Dilution

Reactions after incubation at 37°C for 24 hours

<i>Enterococcus faecalis</i>	ATCC® 29212	No growth
<i>Proteus mirabilis</i>	ATCC® 12453	0.5-2mm purple/pink colonies, no swarming

Viable plate counts are performed.

Reactions after Incubation at 37°C for 24 hours

<i>Escherichia coli</i>	ATCC® 25922	1-2mm purple/pink colonies and halos
<i>Klebsiella pneumoniae</i>	ATCC® 29665	1-2mm purple/pink colonies and halos
<i>Proteus mirabilis</i>	ATCC® 12453	pinpoint-1mm purple/pink colonies, and halos
<i>Escherichia coli</i>	ATCC® 8739	1-2mm purple/pink colonies and halos

The counts and bile precipitation of lactose-positive organisms shall be comparable to the standard.

There shall be no gassing in the medium.