BT-SPEC-0229

Distribution: Central File

Date: 30/07/08
Supersedes: 18/01/05

OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

BRILLIANCE ™ UTI AGAR (OXOID) **CM0949**

Formula

Peptone	grams per litre	15.0
Chromogenic mix		26.3
Agar		15.0

Directions

Suspend 56.3 g in 1 litre of distilled water and mix well. Sterilize by autoclaving at 121°C for 15 minutes. Cool to approximately 50°C. Mix well to resuspend and pour into sterile Petri dishes.

Physical Characteristics

Straw, free flowing powder
Colour on reconstitution - pale buff
Moisture level - less than 7%
pH - 6.8 ± 0.2 at 25°C
Clarity - opaque
Gel strength - firm, comparable to 15g/litre Agar

Bacteriological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Reactions after incubation at 37°C for 18 hours

Medium is challenged with 10-100 colony forming units

Escherichia coli	ATCC® 25922	1-2mm pink colonies
Enterobacter aerogenes	ATCC® 13048	1-2mm dark blue/purple colonies
Proteus mirabilis	NCTC 10975	0.5-1.5mm straw colonies, brown halo
Enterococcus faecalis	ATCC® 29212	0.5-1mm blue/green colonies
Staphylococcus aureus	ATCC® 25923	0.5-1mm white colonies
Citrobacter freundii	NCTC 8581	1-1.75mm blue/purple colonies

A satisfactory result is represented by recovery of equal to or greater than 70% of the control medium.

Indole may be detected by removing a few colonies, spreading onto filter paper and adding 1-2 drops of DMACA Indole reagent (dimethylamino cinnamaldehyde). *Escherichia coli* should be positive (blue/green) and *Enterobacter aerogenes* negative (colourless/pink).