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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BRILLIANCE™ UTI <i>CLARITY</i> AGAR CM1106		

BRILLIANCE™ UTI CLARITY AGAR

CM1106

Typical Formula*

Peptone	grams per litre	9.0
Chromogenic mix		17.0
Tryptophan		1.0
Agar		10.0

* adjusted as required to meet performance standards

Directions

Suspend 37.0g 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 – straw 2-3
 Moisture level - less than or equal to 7%
 pH 7.0 ± 0.2 at 25°C
 Clarity - clear
 Gel strength - firm, comparable to 10.0g/litre of agar

Microbiological 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

<i>Escherichia coli</i>	ATCC®25922	1-2mm pink colonies
<i>Enterobacter aerogenes</i>	ATCC®13048	1-2mm blue/purple colonies
<i>Proteus mirabilis</i>	NCTC10975	1-5mm straw/brown colonies
<i>Enterococcus faecalis</i>	ATCC®29212	Pinpoint-1mm blue/turquoise colonies
<i>Staphylococcus aureus</i>	ATCC®25923	0.5-2mm cream colonies
<i>Citrobacter freundii</i>	NCTC8581	1-3mm blue/purple colonies
<i>Staphylococcus epidermidis</i>	ATCC®14990	0.25-1mm white colonies

A satisfactory result is represented by recovery of positive strains 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 to pink).

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors. Addition of control media and result criteria.	Change control	BT-CC-1842