	Document Owner Department: QC	MBD-BT-SPEC-0229
		Rev 02
		Page 1 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BRILLIANCE™ UTI AGAR CM0949		

BRILLIANCE™ UTI AGAR

CM0949

Typical Formula*

Peptone	grams per litre	15.0
Chromogenic mix		26.3
Agar		15.0

* adjusted as required to meet performance standards

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 or equal to 7%

pH 6.8 ± 0.2 at 25°C

Clarity - opaque

Gel strength - firm, comparable to 15.0g/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 dark blue/purple colonies
<i>Proteus mirabilis</i>	NCTC10975	0.5-1.5mm straw colonies, brown halo
<i>Enterococcus faecalis</i>	ATCC®29212	0.5-1mm blue/green colonies
<i>Staphylococcus aureus</i>	ATCC®25923	0.5-1mm white colonies
<i>Citrobacter freundii</i>	NCTC8581	1-1.75mm blue/purple colonies

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

	Document Owner Department: QC	MBD-BT-SPEC-0229
		Rev 02
		Page 2 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BRILLIANCE™ UTI AGAR CM0949		

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).

	Document Owner Department: QC	MBD-BT-SPEC-0229
		Rev 02
		Page 3 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BRILLIANCE™ UTI AGAR CM0949		

Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire document	Updating to current format and correcting minor errors	New format for upload to Thermofisher website	N/A