

Product Specification Sheet

Brilliance™ UTI Clarity™

Intended Usage: A chromogenic medium for the isolation, enumeration and presumptive identification of organisms occurring in urinary tract infections.

For professional use only.

| | |
|------------|----------------------------|
| PO5159A | |
| Version: 9 | Revision Date: August 2021 |

Thermo Scientific™ Brilliance™ UTI Clarity™

| | |
|-----------------|--|
| Form of Product | Poured plate |
| Storage | 2 – 12°C, dark |
| Filling weight | 17 g ± 5 % |
| Packaging | 10 plates wrapped in film |
| pH | 7.0 ± 0.2 |
| Appearance | Ivory, transparent |
| Shelf life | 12 weeks |
| Intended Usage | A chromogenic medium for the isolation, enumeration and presumptive identification of organisms occurring in urinary tract infections. For professional use only. |
| Technique | Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM1106. |

| Typical formulation* | g/l |
|----------------------|------|
| Peptone | 9.0 |
| Chromogenic mix | 17.0 |
| Tryptophan | 1.0 |
| Agar | 10.0 |

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

| Positive Control | Growth |
|--|---|
| Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic | |
| <i>Escherichia coli</i> ATCC®25922™ | 2 – 4 mm, rose shiny colonies. Indole positive. |
| <i>Staphylococcus aureus</i> ATCC®25923™ (until 40h) | 1 – 2 mm, white colonies. |
| Colony counts shall be $\geq 50\%$ of the control medium TSA. | |
| Inoculum 10³ - 10⁴ cfu, qualitative Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic, control medium COL+SB | |
| <i>Proteus mirabilis</i> ATCC®29906™ | Good growth, cream colonies with brown halo, Indole negative. |
| <i>Enterococcus faecalis</i> ATCC®29212™ | Good growth, turquoise shiny colonies. |
| <i>Klebsiella oxytoca</i> ATCC®13182™ | Good growth, blue shiny colonies. |

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