

Product Specification Sheet

Nutrient Agar

Intended Usage: A non-selective general-purpose medium for the cultivation of microorganisms.

For professional use only.

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|----------------|----------------------------|
| PO5025A | |
| Version: 09 | Revision Date: 15 May 2020 |

Thermo Scientific™ Nutrient Agar

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|-----------------|--|
| Form of Product | Poured plate |
| Storage | 2 – 12°C |
| Filling weight | 17 g ± 5 % |
| Packaging | 10 plates wrapped in film |
| pH | 7.4 ± 0.2 |
| Appearance | Ivory, transparent |
| Shelf life | 26 weeks |
| Intended Usage | A non-selective general-purpose medium for the cultivation of microorganisms. For professional use only. |
| Technique | Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0055. |

| Typical formulation* | g/l |
|----------------------|------|
| Meat extract | 10.0 |
| Peptone | 10.0 |
| Sodium chloride | 5.0 |
| Agar | 15.0 |

*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 Controls | Growth |
|--|--------------------------------|
| Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 22 – 26 h @ 36 ± 1°C, aerobic | |
| <i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012) | 3 – 7 mm, cream shiny colonies |
| <i>Salmonella</i> Typhimurium ATCC® 14028™ (WDCM 00031) | 3 – 5 mm, cream shiny colonies |
| Inoculum 50 – 120 cfu, quantitative Incubation conditions: 22 – 26 h @ 30 ± 1°C, aerobic | |
| <i>Yersinia enterocolitica</i> ATCC® 9610™ (WDCM 00038) | 1 – 2 mm, cream colonies |
| Colony counts shall be ≥ 70% of the control medium (Tryptone Soya Agar) | |

Tested in accordance with ISO 11133

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