

Nutrient Agar III (NAIII)

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| Shorthand symbol: | NAIII |
| Item number: | 71-1168 |
| Format: | 250ml-Bottle with 200ml nutrient medium |
| Colour: | Yellowish |
| Storage conditions: | Dry, in closed bag, at 15 - 22°C |
| Shelf-life: | 1 Month |
| pH: | 7.0 ± 0.2 bei 25°C |



Intended use and fields of application

This Nutrient Agar III is for the cultivation of suspect bacteria from specimens for further biochemical and serological identification.

Typical composition in g/l

in g per 1 litre of nutrient medium

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|-----------------|------|
| Caseine Peptone | 5.0 |
| Meat Extract | 3.0 |
| Agar | 11.0 |

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements BS EN ISO 1113:2014.

Productivity

Incubation conditions: 44 ± 4 Hours at 36 ± 2°C; Inoculation concentration of target organisms: 80–120 CFU

| Organism | Type Strain | Specification | Colony morphology |
|-------------------|------------------------|---------------|-------------------|
| Escherichia coli | ATCC 8739 / WDCM 00012 | ≥ 70 % | - |
| Bacillus subtilis | ATCC 6633 / WDCM 00003 | ≥ 70 % | - |

Microbial Contamination

Incubation conditions: 5–7 days at 20–25°C and 5–7 days at 30–35°C

Specification

No microbial contamination