

Cetrimide Agar acc. to harm. EP/USP/JP

TN 1024 500 g



Intended use

Used to detect *Pseudomonas aeruginosa*. Culture medium for testing non-sterile products. This medium is based on the recommendations of the harmonised method according to EP/USP/JP (2006).

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Directions

Suspend 45.3 g in 1 litre distilled water, heat until completely dissolved, and add 10 ml/l Glycerin, Waterfree (TN 1424) Autoclave at 121 °C for 15 minutes.

Typical composition

| Component | g/l |
|------------------------------|------|
| Pancreatic digest of gelatin | 20.0 |
| Magnesium chloride | 1.4 |
| Dipotassium sulfate | 10.0 |
| Cetrimide | 0.3 |
| Agar | 13.6 |

Final pH at 25 °C

7.2 ± 0.2

Microbiological quality control

| Test strain | Inoculum (CFU) | Recovery rate Test/Inoculum in % | Colony morphology | Fluorescence at 366 nm | Incubation |
|--|----------------|----------------------------------|--|------------------------|---------------------------------|
| <i>Pseudomonas aeruginosa</i> ATCC 9027 | 10-100 | ≥ 25 % | colonies are yellowish-white or greenish and translucent | yellowish-greenish | aerobically, max. 18 h at 30 °C |
| <i>Pseudomonas aeruginosa</i> ATCC 25688 | 10-100 | ≥ 25 % | colonies are yellowish-white or greenish and translucent | yellowish-greenish | aerobically, max. 18 h at 30 °C |
| <i>Pseudomonas aeruginosa</i> ATCC 10145 | 10-100 | ≥ 25 % | colonies are yellowish-white or greenish and translucent | yellowish-greenish | aerobically, max. 18 h at 30 °C |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 | 10-100 | ≥ 25 % | colonies are yellowish-white or greenish and translucent | yellowish-greenish | aerobically, max. 18 h at 30 °C |
| <i>Escherichia coli</i> ATCC 8739 | 100-1000 | ≥ 0.1 % | n.a. | n.a. | aerobically, min. 72 h at 30 °C |
| <i>Escherichia coli</i> ATCC 25922 | 100-1000 | ≥ 0.1 % | n.a. | n.a. | aerobically, min. 72 h at 30 °C |
| <i>Staphylococcus aureus</i> ATCC 6538 | 100-1000 | ≥ 0.1 % | n.a. | n.a. | aerobically, min. 72 h at 30 °C |

Datum der Fassung: 2014/03/20