

**ISO 21872-1:2017(E)****B.2.2 Preparation**

Dissolve the components or the complete dehydrated medium in the water, by bringing to the boil.

Adjust the pH, if necessary, so that it is  $8,6 \pm 0,2$  at  $25\text{ }^{\circ}\text{C}$ .

Do not autoclave.

**B.2.3 Preparation of the agar dishes**

Dispense 15 ml to 20 ml of the medium, cooled down to approximately  $50\text{ }^{\circ}\text{C}$ , into sterile Petri dishes and leave to solidify.

**B.3 Saline nutrient agar (SNA)****B.3.1 Composition**

|                 |                          |
|-----------------|--------------------------|
| Meat extract    | 5,0 g                    |
| Peptone         | 3,0 g                    |
| Sodium chloride | 10,0 g                   |
| Agar-agar       | 8 g to 18 g <sup>a</sup> |
| Water           | 1 000 ml                 |

<sup>a</sup> Depending on the gel strength of the agar-agar.

**B.3.2 Preparation**

Dissolve the dehydrated components or the complete dehydrated medium in the water, by heating if necessary.

Adjust the pH so that, after sterilization, it is  $7,2 \pm 0,2$  at  $25\text{ }^{\circ}\text{C}$ .

Transfer the medium into containers of appropriate capacity.

Sterilize in an autoclave set at  $121\text{ }^{\circ}\text{C}$  for 15 min.

**B.3.3 Preparation of the agar dishes**

Dispense 15 ml to 20 ml of the medium, cooled down to approximately  $50\text{ }^{\circ}\text{C}$ , into sterile Petri dishes and leave to solidify.

Just prior to use, carefully dry the dishes of agar medium (preferably after having removed the lids and inverted the dishes), in an incubator (6.2) until the agar surface is dry.

**B.3.4 Preparation of slants of saline nutrient agar**

Dispense approximately 10 ml of the medium, cooled down to approximately  $50\text{ }^{\circ}\text{C}$ , into tubes of appropriate capacity.

Leave to settle and solidify in an inclined position.