

ISO 16266:2008

Scheda 66 : Acetamide Broth

Acetamide Broth

Solution A

Potassium di-hydrogenphosphate (KH_2PO_4)	1 g
Magnesium sulfate anhydrous (MgSO_4)	0,2 g
Acetamide	2 g
Sodium Chloride (NaCl)	0,2 g
Water (distilled or equivalent, ammonia free)	900 ml

Dissolve the ingredients in water and then adjust the pH to correspond to 7,0 \pm 0,5 at 25 °C with either hydrochloric acid or sodium hydroxide.

Solution B

Sodium molybdate ($\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$)	0,2 g
Iron sulfate ($\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$)	0,05 g
Water	100 ml

Preparation

To prepare the acetamide broth, add 1 ml of solution B to 900 ml of a freshly prepared solution A (5.3.2.1). Add water with constant stirring to a total volume of 1 l. Dispense this mixture in 5 ml aliquots to culture tubes which are then capped and sterilised in an autoclave at (121 ± 3) °C for 15 min. Store in the dark at (5 ± 3) °C and use within 3 months.