

ATCC medium: 2135 GS-2CB medium

KH₂PO₄0.15 g
K₂HPO₄0.29 g
Urea.....0.21 g
L-Cysteine . HCl.....0.20 g
MOPS.....1.00 g
Sodium citrate . 2H₂O.....0.30 g
Yeast extract.....0.60 g
Resazurin (0.1%).....0.10 ml
Distilled water.....88.0 ml

Adjust pH to 7.0. Heat to boiling. Distribute 8.8 ml per tube under N₂ gas. Seal and autoclave at 121C for 15 minutes. After autoclaving, to each test tube add 1.0 ml GS-2 Salts (see below), and either 0.2 or 0.3 ml of 10% filter-sterilized cellobiose.

Alternatively, the basal medium may be autoclaved in a flask and cooled under gas, followed by the addition of the sterile salts and sterile cellobiose. Then the finished medium should be dispensed under gas into sterile tubes.

GS-2 Salts:

MgCl₂ . 6H₂O1.0 g
CaCl₂ . 2H₂O0.15 g
FeSO₄ . 7H₂O1.25 mg
Distilled water.....100.0 ml

Autoclave at 121C for 15 minutes.