

ATCC medium: 1230 *Haloarcola* medium

KCl.....2.0 g
MgSO₄ . 7H₂O20.0 g
Sodium citrate.....3.0 g
NaCl.....250.0 g
CaCl₂.....0.2 g
Agar (if needed).....15.0 g
Distilled water to.....900.0 ml

Adjust pH to 7.4 +/- 0.1 with NaOH.

Autoclave basal medium for 15 minutes at 121C. Cool and aseptically add the following sterile solutions:

10% Bacteriological Peptone (Oxoid*) (filter-sterilized).....100.0 ml
Trace Elements Solution (see below).....1.0 ml

Trace Elements Solution:

MnCl₂ . 4H₂O0.0218 g
FeCl₂ . 4H₂O0.358 g
Distilled deionized water.....100.0 ml

Add components of trace elements solution in order listed and filter-sterilize.

*Peptones from other sources are not suitable.