

ATCC Medium: 2546 Mineral Medium pH 7.25

Base Medium

KH ₂ PO ₄	0.41 g
Na ₂ HPO ₄	0.53 g
NaClO ₃	1.06 g
CaCl ₂	0.11 g
MgCl ₂	0.1 g
NH ₄ HCO ₃	0.44 g
NaHCO ₃	3.73 g
Na ₂ S·9H ₂ O.....	0.5 g
Resazurin (0.5g/liter).....	1.00 ml
Acid Trace elements (see below).....	1.00 ml
Alkaline Trace elements (see below).....	1.00 ml
*ATCC vitamins.....	1.00 ml
DI Water.....	1000 ml

Boil under 100% N₂

Distribute into appropriate vessel, seal under 100% N₂ and autoclave at 121C.

*Filter sterilize ATCC vitamins and add to autoclaved medium.

Acid trace elements

FeCl ₂ ·4H ₂ O.....	1.485 g
H ₃ BO ₃	0.062
ZnCl ₂	0.068
CaCl ₂	0.013
MnCl ₂ ·4H ₂ O.....	0.098
CaCl ₂ ·6H ₂ O.....	0.119
NiCl ₂ ·6H ₂ O.....	0.119
HCl....	4.100 ml

Alkaline trace elements

N ₂ SeO ₃ ·5H ₂ O.....	0.026 g
Na ₂ WO ₄ ·2H ₂ O.....	0.033
Na ₂ MoO ₄ ·2H ₂ O.....	0.024
NaOH.....	0.400