

ATCC Medium: 1250 Modified Baar's Medium for Sulfate Reducers with NaCl (2.5%)

Component I

MgSO ₄	2.0 g
Sodium Citrate.....	5.0 g
CaSO ₄ x 2H ₂ O.....	1.0 g
NH ₄ Cl.....	1.0 g
NaCl.....	25.0 g
DI Water.....	400.0 ml

Component II

K ₂ HPO ₄	0.5 g
DI Water.....	200.0 ml

Component III

Sodium Lactate.....	3.5 g
Yeast Extract.....	1.0 g
DI Water.....	400.0 ml

Adjust each component to pH 7.5 and autoclave at 121°C. Mix the three components aseptically and tube under 97% N₂ and 3% H₂. Tube while warm to exclude as much oxygen as possible.

Sterilize by Filtration

5% Ferrous Ammonium Sulfate, Fe(NH₄)₂(SO₄)₂; Biologist will add 0.1 ml to 5.0 ml of medium prior to inoculation.

*****Note: Ferrous Ammonium Sulfate solution is optional and should not be added unless specified.