

ATCC Medium: MD-2991 Iron Oxidizer Broth

Part A

NaCl.....	27.5g
MgCl ₂ x6H ₂ O.....	5.38g
MgSO ₄ x7H ₂ O.....	6.78g
KCl.....	0.72g
NaHCO ₃	1.7g
CaCl ₂ x2H ₂ O.....	1.4g
NH ₄ Cl.....	1g
K ₂ HPO ₄	0.05g
Trace Mineral Supplement (MD-TMS)...	1ml

Autoclave at 121C. Cool to 50C.

Dispense only 50ml to each serum bottle specified from the requesting biologist.

Add 50ul (equivalent to 0.05ml) Vitamin Supplement MD-VS to each serum bottle.

Part B

100mM FeCl₂ Solution

FeCl₂ (Sigma 372870 (Mol. Wt. 126.75g/mol).....12.675g

DI Water.....1000ml

Mix Well. Filtered sterilize the solution. Dispense as required.