

ATCC Medium: 2282 R2A Modified for Anaeromyxobacter

Base Medium

Yeast Extract.....	0.5 g
Proteose Peptone No. 3.....	0.5 g
Casamino Acids.....	0.5 g
Glucose.....	0.5 g
Soluble Starch.....	0.5 g
Na-pyruvate.....	0.3 g
K ₂ HPO ₄	0.3 g
MgSO ₄ x 7H ₂ O.....	0.5 g
Agar (If needed).....	15.0 g
DI Water.....	900.0 ml

Adjust pH to 7.2 with K-Phosphates before adding agar. Boil medium under gas N₂:CO₂ (80:20). Autoclave at 121°C. Aseptically add Fumarate Solution to Base Medium. Anaerobically dispense under same gas.

5mM Fumarate Solution

Fumarate.....	0.8g
DI Water.....	100 ml

Filter sterilize.

Final Product Description



- Medium should be translucent and clear to slightly tan in color.
- Recommended storage temperature: 2-8°C.