

Main sol. J724

NaCl	26.00	g
MgCl ₂ x 6 H ₂ O	0.50	g
KCl	0.50	g
NH ₄ Cl	0.30	g
KH ₂ PO ₄	0.10	g
CaCl ₂ x 2 H ₂ O	0.10	g
Sodium acetate x 3 H ₂ O	0.83	g
Yeast extract	2.00	g
Trypticase peptone (BD-BBL)	2.00	g
Maltose	2.00	g
PIPES	3.30	g
Sulfur (powder)	5.00	g
Resazurin	1.00	mg
Distilled water	1000.00	ml

1. Mix components except sulfur, adjust pH to 6.0 and autoclave under a N₂ atmosphere. After cooling, add per liter the following solutions (autoclaved and stored anaerobically):

KH ₂ PO ₄ (7%)	4.30	ml
K ₂ HPO ₄ (7%)	4.30	ml

2. Steam sulfur for 3 hr on each of 3 successive days. Distribute the medium into culture vessels containing sulfur under a N₂ atmosphere, and seal with butyl rubber stoppers. Then, add the following solution (autoclaved and stored under a N₂ atmosphere) to the medium:

Na ₂ S x 9 H ₂ O (3%)	10.00	ml
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