

Main sol. J1299

Mix components thoroughly and adjust pH to 9.0. Distribute the medium into culture vessels (e.g., 9.0 ml in Balch tubes), replace the gas phase with N₂, seal with butyl rubber stoppers, and autoclave. After cooling, aseptically and anaerobically add per 900 ml the following solution (autoclaved under a N₂ atmosphere):

K ₂ HPO ₄	2.90	g
Urea	4.20	g
Yeast extract	2.00	g
CaCl ₂ x 2 H ₂ O	0.01	g
Na ₂ CO ₃	1.00	g
L-Cysteine HCl x H ₂ O	0.50	g
Resazurin	0.50	mg
Mineral solution	0.20	ml
Distilled water	900.00	ml
Xylose (w/v, 10%)	100.00	ml