



## Main sol. J953

$\text{KH}_2\text{PO}_4$	0.30	g
$\text{K}_2\text{HPO}_4$	0.30	g
$\text{NH}_4\text{Cl}$	1.00	g
$\text{NaCl}$	2.00	g
$\text{KCl}$	0.10	g
$\text{CaCl}_2 \times 2 \text{H}_2\text{O}$	0.10	g
$\text{MgCl}_2 \times 6 \text{H}_2\text{O}$	0.50	g
<b>Trace element solution</b>	1.00	ml
Yeast extract	1.00	g
$\text{Na}_2\text{S}_2\text{O}_3 \times 5 \text{H}_2\text{O}$	3.16	g
L-Cysteine HCl $\times \text{H}_2\text{O}$	0.50	g
Resazurin	0.50	mg
Distilled water	1000.00	ml

1. Mix components thoroughly, adjust pH to 7.2 and autoclave under a  $\text{N}_2\text{-CO}_2$  (4:1, v/v) gas mixture. After cooling, add the following solutions from anaerobic stocks (autoclaved or \*filter-sterilized):

$\text{NaHCO}_3$ (*, 8%)	25.00	ml
Sodium lactate (1 M)	20.00	ml

2. Aseptically distribute the medium into culture vessels under a stream of  $\text{N}_2\text{-CO}_2$  (4:1, v/v), and seal with butyl rubber stoppers. Prior to inoculation, add per liter the following solution from an anaerobic stock (autoclave and store under a  $\text{N}_2$  atmosphere).

$\text{Na}_2\text{S} \times 9 \text{H}_2\text{O}$ (5%)	8.00	ml
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