

1308. PY4S

Trypticase peptone	10.00	g
Yeast extract	5.00	g
Glucose	0.25	g
Cellobiose	0.25	g
Maltose	0.25	g
Soluble starch	0.25	g
Cysteine-HCl x H ₂ O	0.50	g
Resazurin-Na (0.1% w/v)	1.00	ml
Salt solution I (see below)	75.00	ml
Salt solution II (see below)	75.00	ml
Na ₂ CO ₃ (8% w/V)	2.50	ml
Vitamin B ₁₂	10.00	µg
Distilled water	846.50	ml

The cysteine, Na₂CO₃, and vitamin B₁₂ are added after the medium has been boiled and cooled under CO₂. Adjust pH to 7.3 Distribute under N₂ and autoclave.

Solution I:

K ₂ HPO ₄	0.60	g
Distilled water	100.00	ml

Solution II:

CaCl ₂ x 2 H ₂ O	0.12	g
MgSO ₄ x 7 H ₂ O	0.12	g
KH ₂ PO ₄	0.60	g
(NH ₄) ₂ SO ₄	1.20	g
NaCl	1.20	g
Distilled water	100.00	ml