104c: PY + X MEDIUM (N2/CO2)

Trypticase peptone (BD BBL)	5.00	g
Meat peptone (pepsin-digested)	5.00	g
Yeast extract	10.00	g
Salt solution	40.00	ml
Sodium resazurin (0.1% w/v)	0.50	ml
L-Cysteine HCl x H_2O	0.50	g
Na_2CO_3	1.00	g
D-Glucose	5.00	g
Distilled water	960.00	ml

Dissolve ingredients (except cysteine, carbonate and glucose) and sparge medium with 80% N_2 and 20% CO_2 gas mixture for 30 - 45 min to make it anoxic. Add cysteine, then dispense under 80% N_2 and 20% CO_2 gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add glucose from a sterile anoxic stock solution prepared under 100% N_2 gas atmosphere and carbonate from a sterile anoxic stock solution prepared under 80% N_2 and 20% CO_2 gas atmosphere. Adjust pH of complete medium to 7.0, if necessary.

For DSM 753: Replace glucose with 10.0 g/l D-maltose added after autoclaving from an anoxic stock solution sterilized by filtration.

For DSM 7320, DSM 112608: Adjust pH to 6.3.

For DSM 14760, DSM 14761, DSM 14762: Replace glucose with 8.0 g/l Na_2-succinate added after autoclaving from an anoxic stock solution sterilized by filtration.

For DSM 15248: Adjust pH of medium to 6.0.

For DSM 22521, DSM 22533: Replace glucose with sodium succinate; anaerobic

For DSM 100588: Adjust pH to 9.0.

For DSM 103574, DSM 103575: Replace glucose with 3.0 g/l Casamino acids.

For DSM 104997: Supplement medium with 4.5 g/l Na-acetate.

For DSM 108024: Adjust pH of complete medium to 6.0.

For DSM 109768: Replace glucose with 10.0 g/l succinate; strictly anaerobic

Salt solution (from medium 104)

$CaCl_2$ x 2 H_2O	0.25	g
$MgSO_4$ x 7 H_2O	0.50	g
K_2HPO_4	1.00	g
KH_2PO_4	1.00	g
$NaHCO_3$	10.00	g

NaCl	2.00	g
Distilled water	1000.00	ml