

58: BIFIDOBACTERIUM MEDIUM

This recipe contains strain-specific modifications for *Bifidobacterium sp.* DSM 108971 *

Casein peptone (tryptic digest)	10.00	g
Yeast extract	5.00	g
Meat extract	5.00	g
Bacto Soytone	5.00	g
Glucose	10.00	g
K ₂ HPO ₄	2.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
MnSO ₄ x H ₂ O	0.05	g
Tween 80	1.00	ml
NaCl	5.00	g
L-Cysteine HCl x H ₂ O	0.50	g
Salt solution	40.00	ml
Resazurin (25 mg/100ml)	4.00	ml
Haemin	50.00	mg/l
Na-lactate	5.00	g/l
Distilled water	950.00	ml

The cysteine are added after the medium has been boiled and cooled under CO₂. Adjust pH to 6.8 using 8 N NaOH. Distribute under N₂ and autoclave.

* Plus haemine (50µg/ml) plus Vit K₁ plus Na-lactate (0.5%)

Salt solution

CaCl ₂ x 2 H ₂ O	0.25	g
MgSO ₄ x 7 H ₂ O	0.50	g
K ₂ HPO ₄	1.00	g
KH ₂ PO ₄	1.00	g
NaHCO ₃	10.00	g
NaCl	2.00	g
Distilled water	1000.00	ml