

11b: MRS MEDIUM (pre-reduced)

This recipe contains strain-specific modifications for *Bifidobacterium sp.* DSM 29109 *

Final pH: 6.2 - 6.5

Final volume: 1000 ml

Casein peptone (tryptic digest)	10.00	g
Meat extract	10.00	g
Yeast extract	5.00	g
Glucose	20.00	g
Tween 80	1.00	g
Resazurin	1.00	mg
K ₂ HPO ₄	2.00	g
Na-acetate	5.00	g
(NH ₄) ₃ citrate	2.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
MnSO ₄ x H ₂ O	0.05	g
Distilled water	1000.00	ml
L-Cysteine HCl x H ₂ O	0.50	g
Fructose	20.00	g/l

Cysteine is added after the medium has been boiled and cooled under CO₂. Adjust pH to 6.2 - 6.5, distribute under N₂ and autoclave.

* Replace glucose by fructose (2%); anaerobic