

## 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
<del>Glucose</del>	<del>20.00</del>	<del>g</del>
Tween 80	1.00	g
Resazurin	1.00	mg
K <sub>2</sub> HPO <sub>4</sub>	2.00	g
Na-acetate	5.00	g
(NH <sub>4</sub> ) <sub>3</sub> citrate	2.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.20	g
MnSO <sub>4</sub> x H <sub>2</sub> O	0.05	g
Distilled water	1000.00	ml
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Fructose	20.00	g/l

Cysteine is added after the medium has been boiled and cooled under CO<sub>2</sub>. Adjust pH to 6.2 - 6.5, distribute under N<sub>2</sub> and autoclave.

\* Replace glucose by fructose (2%); anaerobic