

1624. METHYLOPHAGA MURALIS MEDIUM

KH_2PO_4	1.00	g
KNO_3	1.00	g
$\text{MgSO}_4 \times 7 \text{H}_2\text{O}$	0.22	g
NaCl	30.00	g
Distilled water	890.00	ml

pH 5.0

pH is adjusted to 9.0 by adding 100 ml/l 1M sterilized NaHCO_3 and 10 ml/l 1M sterilized Na_2CO_3 . 5 ml/l sterile methanol is added to the cooled medium. When preparing liquid media cool the mineral salts solution, Na_2CO_3 solution and NaHCO_3 solution to room temperature before mixing. When preparing agar add 2.0 % agar to the mineral salts solution and autoclave. Cool the Na_2CO_3 solution, NaHCO_3 solution and agar to 50-55°C before mixing.