

269: ACIDIPHILUM MEDIUM

(NH ₄) ₂ SO ₄	2.00	g
KCl	0.10	g
K ₂ HPO ₄	0.50	g
MgSO ₄ x 7 H ₂ O	0.50	g
Yeast extract	0.30	g
D-Glucose	1.00	g
Distilled water	1000.00	ml

Autoclave glucose and yeast extract separately as a 10% and 3%, resp., stock solution. Adjust pH of complete medium to 3.0 with 1 N H₂SO₄.

For DSM 11237, DSM 11244: Reduce amount of yeast extract to 0.1 g/l and adjust pH of medium to 3.5.

For DSM 11245: Replace yeast extract with 0.1 g/l Trypticase Soy Broth (BD BBL) added from a sterile stock solution and adjust pH of medium to 3.5.

For DSM 100189: Replace glucose with 1.8 g/l D-galactose and add 7.0 g/l FeSO₄ x 7 H₂O to the autoclaved medium from a 1 M stock solution (pH adjusted to 1.8 using 2 N H₂SO₄ and sterilized by filtration). Adjust pH of complete medium to 2.5.

For DSM 108313: Supplement medium with 1.0 g/l Trypticase Soy Broth (BD BBL) added from a sterile stock solution and adjust pH of medium to 4.0.