

108: ACIDIPHILUM ACIDOPHILUM MEDIUM

Final pH: 4.5

(NH ₄) ₂ SO ₄	3.00	g
KH ₂ PO ₄	0.50	g
MgSO ₄ x 7 H ₂ O	1.00	g
KCl	0.10	g
Ca(NO ₃) ₂ x 4 H ₂ O	18.00	mg
FeSO ₄ x 7 H ₂ O (0.1% w/v in 0.1 N H ₂ SO ₄)	0.01	ml
Agar (optional)	15.00	g
D-Glucose	10.00	g
Distilled water	1000.00	ml

In liquid medium, the pH should be adjusted to 3.5 with H₂SO₄. In solid medium, the pH should be adjusted to 4.5 with H₂SO₄ after autoclaving the medium. Sterilize the glucose separately and add to the sterile medium.