

108. ACIDIPHILUM ACIDOPHILUM MEDIUM

$(\text{NH}_4)_2\text{SO}_4$	3.00	g
KH_2PO_4	0.50	g
$\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$	1.00	g
KCl	0.10	g
$\text{Ca}(\text{NO}_3)_2 \times 4 \text{ H}_2\text{O}$	18.00	mg
$\text{FeSO}_4 \times 7 \text{ H}_2\text{O}$ solution (0.1% w/v in 0.1 N H_2SO_4)	0.01	ml
Agar (for solid medium)	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 H_2SO_4 . In solid medium, the pH should be adjusted to 4.5 with H_2SO_4 after autoclaving the medium. Sterilize the glucose separately and add to the sterile medium.