

## 269: ACIDIPHILUM MEDIUM

This recipe contains strain-specific modifications for *Acidiphilium multivorum* DSM 11245 \*

Final pH: \* 3.5

Final volume: 1000 ml

|   |                 |              |
|---|-----------------|--------------|
| (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> | 2.00            | g            |
| KCl   | 0.10            | g            |
| K <sub>2</sub> HPO <sub>4</sub>                 | 0.50            | g            |
| MgSO <sub>4</sub> x 7 H <sub>2</sub> O          | 0.50            | g            |
| <del>Yeast extract</del>                        | <del>0.30</del> | <del>g</del> |
| D-Glucose                                       | 1.00            | g            |
| Trypticase soy broth                            | 0.10            | 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 H<sub>2</sub>SO<sub>4</sub>.

\* 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.