

ATCC Medium: 656 *Hyphomicrobium* medium

KH ₂ PO ₄	1.36 g
Na ₂ HPO ₄	2.15 g
(NH ₄) ₂ SO ₄	0.5 g
MgSO ₄ x 7H ₂ O.....	0.2 g
Trace Element Solution (see below).....	5.0 ml
Methylamine hydrochloride solution (add aseptically, see below).....	50.0 ml
DI Water.....	950 ml

Adjust medium for a final pH of 7.1 +/- 0.1. Autoclave at 121°C.

Trace Element Solution

CuCl ₂	0.15 g
FeSO ₄ x 7H ₂ O.....	0.1 g
MnSO ₄ x H ₂ O.....	0.035 g
Na ₂ MoO ₄ x 2H ₂ O.....	0.05 g
DI Water.....	100.0 ml

Methylamine hydrochloride Solution

Methylamine hydrochloride.....	3.38 g
DI Water.....	50 ml

Filter sterilize and add aseptically to medium.

If making solid products, dissolve 18 g of Agar Noble (BD 214230) in 500 ml of water and aseptically combine with 500 ml of double strength medium. Do not autoclave medium and agar together.

Final Product Description



- Medium should be clear.
- Recommended storage temperature: 2-8°C.