

9. VY/2 AGAR

Baker's yeast	5.00	g
CaCl ₂ x 2 H ₂ O	1.36	g
Vitamin B ₁₂	0.50	mg
Agar (Difco)	15.00	g
Distilled water	1000.00	ml

Sterilize vitamin B₁₂ separately by filtration. Prepare and store yeast cells as autoclaved stock suspension (5 g baker's yeast/100 ml distilled water, adjust pH to 6.5 and autoclave). Adjust pH of medium to 7.2 with KOH before, and after autoclaving and cooling to 50°C (use pH-indicator paper). For suspension of freeze-dried cells from ampoules add about 0.5 - 1.0 ml medium MD1 (per liter: casiton 3.0 g; calciumchloride dihydrate 0.7 g; magnesiumsulphate heptahydrate 2.0 g) to the vial with freeze dried material.

For DSM 11116 reduce amount of vitamin B₁₂ to 0.05 mg/l.