

## Main sol. 441

<b>Solution A</b>	953.00	ml
<b>Solution B</b>	50.00	ml
<b>Standard vitamin solution</b>	5.00	ml

1. Sterilize solution A separately at 121°C for 15 min., cool to 50°C and then mix aseptically with filter-sterilized solution B and 5.0 ml of filter-sterilized standard vitamin solution (see medium 428).
2. RBA is an ammonium-free medium which has successfully been used for the isolation, growth and purity check of a broad spectrum of nitrogen fixing bacteria (Ref. 3363). For microaerophilic nitrogen-fixing bacteria use semisolid medium with 0.3% end concentration of agar and incubate the liquid cultures under 10% (v/v) air and 90% (v/v) N<sub>2</sub>.