

848. RAE MEDIUM

Glucose	40.00	g
Peptone	10.00	g
Yeast extract	10.00	g
Citric acid x H ₂ O	1.50	g
Na ₂ HPO ₄ x 2 H ₂ O	3.38	g
Glacial acetic acid	10.00	ml
Absolute ethanol	10.00	ml
Distilled water	980.00	ml

Final pH ca. 3.8 (pH is not adjusted)

Both liquid and solid media are prepared by autoclaving the medium without the addition of glacial acetic acid and absolute ethanol. Glacial acetic acid and absolute ethanol are sterilised either by filtration (use Teflon filters) or they may be autoclaved in completely closed screw cap glass bottles sealed with a Teflon coated septum. The preparation of solid media employs a double layer system similar to that described for *Acetobacter europaeus* medium (see medium 631). Substitute the components listed above and prepare a lower, 0.5% agar layer, which is then overlaid with a 1.0% agar layer as described in medium 631. Incubate in closed containers to keep the humidity high (> 90%).