

830: R2A MEDIUM

This recipe contains strain-specific modifications for *Polynucleobacter acidiphobus* DSM 21994 *

Final pH: 7.2

Final volume: 1000 ml

Yeast extract	0.50	g
Proteose peptone (Difco no. 3)	0.50	g
Casamino acids	0.50	g
Glucose	0.50	g
Starch (soluble)	0.50	g
Na-pyruvate	0.30	g
K ₂ HPO ₄	0.30	g
MgSO ₄ x 7 H ₂ O	0.05	g
Agar	15.00	g
Distilled water	1000.00	ml

Final pH 7.2; adjust with crystalline K₂HPO₄ or KH₂PO₄ before adding agar. Add agar, heat medium to boiling to dissolve agar, and autoclave for 15 min at 121°C.

* Dilute R2A medium 1:5 and add Na-pyruvate and cysteine-HCl x H₂O, 2 g per L each