

Main sol. 457 (from medium 457)

Na_2HPO_4	2.44	g
KH_2PO_4	1.52	g
$(\text{NH}_4)_2\text{SO}_4$	0.50	g
$\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$	0.20	g
$\text{CaCl}_2 \times 2 \text{ H}_2\text{O}$	0.05	g

Trace element solution SL-4	10.00	ml
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Distilled water	1000.00	ml
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1. Adjust pH to 6.9.
2. Prepare a separate solution of the phosphates and autoclave separately. Combine the two solutions after cooling.
3. Rehydrate and cultivate lyophilized cells in complex medium (e.g. medium 1, 220 or 535). After this reactivation, cultivate in mineral medium 457 with the appropriate carbon source.