

## JM (Jaworski's Medium)

Freshwater algae

<b>Stocks</b>	<b>per 200 ml</b>
(1) Ca(NO <sub>3</sub> ) <sub>2</sub> .4H <sub>2</sub> O	4.0 g
(2) KH <sub>2</sub> PO <sub>4</sub>	2.48 g
(3) MgSO <sub>4</sub> .7H <sub>2</sub> O	10.0 g
(4) NaHCO <sub>3</sub>	3.18 g
(5) FeNa-EDTA	0.45 g
Na <sub>2</sub> EDTA	0.45 g
(6) H <sub>3</sub> BO <sub>3</sub>	0.496 g
MnCl <sub>2</sub> .4H <sub>2</sub> O	0.278 g
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> .4H <sub>2</sub> O	0.20 g
(7) Cyanocobalamin	0.008 g
Thiamine HCl	0.008 g
Biotin	0.008 g
(8) NaNO <sub>3</sub>	16.0 g
(9) Na <sub>2</sub> HPO <sub>4</sub> .12H <sub>2</sub> O	7.2 g

<b>Medium</b>	<b>per litre</b>
Stock solutions 1 - 9	1 ml each

Make up to 1 litre with deionised water. For agar, add 15.0 g per litre of Bacteriological Agar. Autoclave at 15 psi for 15 minutes.

### Reference

Jaworski, G.H.M.; Talling, J.F.; Heaney, S.I. (1981). The influence of carbon dioxide-depletion on growth and sinking rate of two planktonic diatoms in culture. *British Phycological Journal*, 16(4), 395–410. – adapted for CCAP

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