

MERds (Modified Føyns Erdschreiber Medium)

Marine protozoa

Stock per 100 ml

(1) NaNO ₃ (Use 3N-BBM+V stock 1)	7.5 g
(2) Na ₂ HPO ₄ .2H ₂ O (Use MPringsheim stock 3)	2.0 g

Medium per litre

SES medium - See below	100.00 ml
Stock solution 1	2.65 ml
Stock solution 2	0.62 ml

Make up to 1 litre with filtered natural seawater. Autoclave at 15 psi for 15 minutes. It may be necessary to filter final medium to avoid problems with precipitation.

Reference

Føyn, B. 1934. Lebenszyklus, Cytologie und Sexualität der Chlorophyceen *Cladophora subriana* Kützinger. Arch. Protistenk. 83: 1-56 – adapted for CCAP

SES (Soil Extract with Added Salts)

Stocks per litre

(1) K ₂ HPO ₄	1.0 g
(2) MgSO ₄ .7H ₂ O	1.0 g
(3) KNO ₃	10.0 g

Medium per litre

Stock solutions 1 - 3	20.0 ml each
Soil extract (*SE - see SE1 & SE2 Recipes)	100.0 ml

*At CCAP, SE1 is used for marine algae, SE2 for freshwater and terrestrial protozoa.

Make up to 1 litre with deionised water. Autoclave at 15 psi for 15 minutes.

Reviewed: 17th January 2025

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