

Blades Biological Ltd

COWDEN . EDENBRIDGE . KENT . UK . TN8 7DX

Telephone: (01342) 850242 . Fax: (01342) 850924

Email: info@blades-bio.co.uk Online: <http://www.blades-bio.co.uk/>

LINMAIER & SKOOG MEDIUM

Please find enclosed your tissue culture medium as ordered. However, please note that Murashige no longer manufacture the Shoot tip rooting medium.

The nearest alternative is Linsmaier & Skoog medium, this however does not include : Sucrose, Kinetin or Indole-3-acetic acid, but we are informed this medium should work just as effectively.

PLANT TISSUE CULTURE MEDIUM PREPARATION

1. Measure out 90% of the required volume of deionized water, using a container twice the size of the final volume.
2. Whilst stirring the water add the powdered medium until completely dissolved.
3. Rinse the original glass container with distilled water to remove traces of the powder and add the water to the medium solution.
4. Add the desired heat stable supplements to the solution.
5. Add extra distilled water to the medium solution to obtain the final volume.
6. Add NaOH, KOH, or HCl to the solution to obtain the desired pH.
7. Dispense into culture vessels add heat labile supplements after autoclaving.
8. Sterilise in autoclave at 1kg/cm²(15psi) 121°C for the appropriate time period.

If you are wanting to form a gel, add 8 grams of nutrient agar to the solution.

**Powdered media are for laboratory use only.
Not for drug or household uses.**