


References


References


Gietl C (1990) Glyoxyxomal malate dehydrogenase from watermelon is synthesized with an amino-terminal transit peptide”, Proceedings of the National Academy of Sciences USA 87, 5773–5777.


References


References


## Appendix - I

MS basal media composition (Murashige and Skoog, 1962)

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Amount (mg/l)</th>
<th>Conc. of stock solution (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major salts (Stock I)</strong></td>
<td></td>
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</tr>
<tr>
<td>NH₄NO₃</td>
<td>1900.00</td>
<td>38,000.00</td>
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<tr>
<td>KNO₃</td>
<td>440.00</td>
<td>8,800.00</td>
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<tr>
<td>CaCl₂.2H₂O</td>
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<td>7,400.00</td>
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<tr>
<td>MgSO₄. 7H₂O</td>
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<td>3,400.00</td>
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<tr>
<td>KH₂PO₄</td>
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<tr>
<td><strong>Minor salts (Stock II)</strong></td>
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<tr>
<td>KI</td>
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<td>166.00</td>
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<tr>
<td>H₃BO₃</td>
<td>6.20</td>
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<tr>
<td>MnSO₄.4H₂O</td>
<td>22.30</td>
<td>4,460.00</td>
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<tr>
<td>ZnSO₄.7H₂O</td>
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<td>1,720.00</td>
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<tr>
<td>Na₂MoO₄.2H₂O</td>
<td>0.25</td>
<td>50.00</td>
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<tr>
<td>CuSO₄.5H₂O</td>
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<tr>
<td>CoCl₂</td>
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<tr>
<td><strong>Iron stock (Stock III)</strong></td>
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<tr>
<td>FeSO₄.7H₂O</td>
<td>27.80</td>
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<tr>
<td>NA₂.EDTA.2H₂O</td>
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<tr>
<td><strong>B5 Vitamins (Stock – IV)</strong></td>
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<tr>
<td>Myo-inositol</td>
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<tr>
<td>Nicotinic acid</td>
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<td>200.00</td>
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<tr>
<td>Pyridoxine HCl</td>
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<td>Thiamine HCl</td>
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<td><strong>Sucrose (g)</strong></td>
<td>30.00</td>
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<tr>
<td><strong>Agar (g)</strong></td>
<td>8.00</td>
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</tr>
</tbody>
</table>

**Directions**:  
- to prepare 1 Lt medium take 50 ml of stock 1, and 5 ml of each of stock, II, III and IV.  
- pH was adjusted before autoclaving and after the addition of plant growth regulators and carbon sources.
List of Publications


