Linsmaier & Skoog Microelements Solution (100X) PL010

Composition:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>milligrams/1000ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese sulphate.H2O</td>
<td>1689.70</td>
</tr>
<tr>
<td>Boric acid</td>
<td>620.00</td>
</tr>
<tr>
<td>Potassium iodide</td>
<td>83.00</td>
</tr>
<tr>
<td>Molybdic acid (sodium salt).2H2O</td>
<td>25.00</td>
</tr>
<tr>
<td>Zinc sulphate.7H2O</td>
<td>860.00</td>
</tr>
<tr>
<td>Copper sulphate.5H2O</td>
<td>2.50</td>
</tr>
<tr>
<td>Cobalt chloride.6H2O</td>
<td>2.50</td>
</tr>
<tr>
<td>Ferrous sulphate.7H2O</td>
<td>2780.00</td>
</tr>
<tr>
<td>EDTA disodium salt.2H2O</td>
<td>3730.00</td>
</tr>
</tbody>
</table>

TOTAL 9.79 gm/1000ml

Direction: Use 10ml/L of microelements stock solution

Quality Control:
Appearance: Colourless to yellow, clear solution.
pH: 2.5 ±0.5 of 100ml microelements stock solution.

Cultural Response: Growth promoting activity of solution is assessed after addition of this product in complete medium using shoot tips, nodes or callus for 5 weeks at 25°C ±2°C with 16 hrs photoperiod and 8 hrs darkness. Actively growing shoots and callus is observed.

Sterility: No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Storage Temperature & Shelf Life: Store product at 2-8°C away from bright light. Shelf life of product is 13 months. Use before expiry date.


Revision 01/2014