Linsmaier & Skoog Macroelements Solution (10X)  

Composition:

**Ingredients** | **milligrams/1000ml**
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Potassium nitrate | 19000.00
Ammonium nitrate | 16500.00
Calcium chloride.2H2O | 4400.00
Magnesium sulphate | 1806.90
Potassium phosphate monobasic | 1700.00

**TOTAL** 43.41 gm/1000ml

**Directions**: Use 100ml per litre of macroelements stock solution.

**Quality Control**: Appearance: Colourless to yellow, clear solution.  
  pH: 4.0 ±0.5 of 100ml macroelements 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.


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