

## COMPOSITION OF PRODUCT

<b>Micro Elements</b>	<b>mg/l</b>	<b>μM</b>
CoCl <sub>2</sub> .6H <sub>2</sub> O (Cobalt Chloride Hexahydrate)	0.025	0.11
CuSO <sub>4</sub> .5H <sub>2</sub> O (Copper Sulfate Pentahydrate)	0.025	0.10
FeNaEDTA (Ferric Sodium Salt) (Ethylenediaminetetraacetic Acid)	36.70	100.00
H <sub>3</sub> BO <sub>3</sub> (Boric Acid)	6.20	100.27
KI (Potassium Iodide)	0.83	5.00
MnSO <sub>4</sub> .H <sub>2</sub> O (Manganese Sulfate Monohydrate)	16.90	100.00
Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O (Sodium Molybdate)	0.25	1.03
ZnSO <sub>4</sub> .7H <sub>2</sub> O (Zinc Sulfate Heptahydrate)	8.60	29.91
<b>Macro Elements</b>	<b>mg/l</b>	<b>mM</b>
CaCl <sub>2</sub> (Calcium Chloride Anhydrous)	332.02	2.99
KH <sub>2</sub> PO <sub>4</sub> (Monopotassium Phosphate)	170.00	1.25
KNO <sub>3</sub> Potassium Nitrate)	1900.00	18.79
MgSO <sub>4</sub> (Magnesium Sulfate Anhydrous)	180.54	1.50
NH <sub>4</sub> NO <sub>3</sub> (Ammonium Nitrate)	1650.00	20.61

<b>Vitamins</b>	<b>mg/l</b>	<b>μM</b>
C <sub>2</sub> H <sub>5</sub> No <sub>2</sub> (Glycine)	2.00	26.64
C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> (Myo-Inositol)	100.00	554.94
C <sub>6</sub> H <sub>5</sub> No <sub>2</sub> (Nicotinic Acid)	0.50	4.06
C <sub>8</sub> H <sub>12</sub> ClNo <sub>3</sub> (Pyridoxine HCl)	0.50	2.43
C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS (Thiamine HCl)	0.10	0.30

Total Concentration Micro and Macro Elements with Vitamins: 4405.19 mg/l

**References:** Murashige T. and Skoog F. *Physiol Plant*, 15, 473 (1962)

**Hazard Statements:**

- H272 - May Intensify Fire, Oxidizer
- H315 - Causes Mild Skin Irritation.
- H319 - Causes Serious Eye Damage.
- H335 - May Cause Respiratory Irritation.

**Precautionary Statements:**

- P210 – Keep away from Heat
- P222 – Keep away from Clothing, Combustible Materials
- P221 – Take any Precaution to avoid mixing with Combustibles
- P261 – Avoid Breathing Dust
- P264 – Wash Skin thoroughly after Handling
- P280 – Wear Protective Gloves, Eye Protection, Face Protection
- P302+P352 – IF ON SKIN: Wash with plenty of Water
- P305+P351 – IF IN EYES: Rinse Cautiously with Water for several Minutes.
- P301+P310– IF SWALLOWED: call a POISON CENTER or Doctor if you feel unwell.
- P501 – Dispose of Contents to an approved Waste Plant