

## Composition of Plant Media

Component (mg/l)	Gamborg's B5	Murashige and Skoog
Total Weight	3300	4620
<b>Anorganic Salts</b>		
CaCl <sub>2</sub> anhydrous	113.23	332.16
CoCl <sub>2</sub> · 6H <sub>2</sub> O	0.025	0.025
CuSO <sub>4</sub> · 5H <sub>2</sub> O	0.025	0.025
FeSO <sub>4</sub> · 7H <sub>2</sub> O	27.8	27.8
H <sub>3</sub> BO <sub>3</sub>	3	6.2
KH <sub>2</sub> PO <sub>4</sub>		170
KI	0.75	0.83
KNO <sub>3</sub>	2500	1900
MgSO <sub>4</sub> · 7H <sub>2</sub> O	246	370
MnSO <sub>4</sub> · H <sub>2</sub> O	10	16.9
NaH <sub>2</sub> PO <sub>4</sub> · H <sub>2</sub> O	150	
Na <sub>2</sub> · EDTA		37.3
Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O	0.25	0.25
NH <sub>4</sub> NO <sub>3</sub>		1650
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	134	
ZnSO <sub>4</sub> · 7H <sub>2</sub> O	2	8.6
<b>Vitamins</b>		
i-Inositol	10	100
Nicotinic acid	1	
Pantothenic acid · Ca-salt	0.874	
Pyridoxine · HCl	1	
Riboflavine	0.015	
Thiamine · HCl	10	0.4 *

\* The original formulation contains 0.1 mg/l thiamine · HCl.