

Table S1 1/2 Hoagland's solution composition

Nutrient elements	Concentrations
Calcium Nitrate Tetrahydrate	473
Nitrate of Potash	253
Ammonium Nitrate	40
Potassium Dihydrogen Phosphate	68
Magnesium Sulfate	247
Iron Vitriol	2780
EDTA•Na	3730
Potassium Iodide	415
Boric Acid	3.1
Manganese Sulfate	11.2
Zinc Sulfate	4.3
Sodium Molybdate	0.13
Copper Sulfate	0.013
Cobalt Chloride	0.013