

Vitamins
Macronutrients
Adsorbing Agent
Disinfecting Agents
Antibiotic Powder
Other Essential Ingredients

Amino Acid
Micronutrients
Plant Growth Regulators
Carbohydrates
Buffering Agent



Make your own

Plant Tissue Culture Media



13485:2016



GMP Certified



11133:2014



CE Marking



9001:2015



Certified



Certified



Certified

Plant Tissue Culture owes its origin to the ideas of the German Scientist, Harberlandt. Thereafter, in the 1970s, the commercialization of the technology began. Currently, the world is revolving around it due to increasing population, growing consumption, and avoiding the environmental imbalance. TM Media has an extensive range of **Ready-to-Use** PTC Medium, PTC Medium Ingredients like **Plant Growth Regulators or Phytohormones** (Auxins, Cytokinins, Gibberellins, Absciscic Acid & Others), **Macro & Micro Nutrients, Vitamins, Amino Acids, Carbohydrates, Gelling Agents, Adsorbing Agents, Buffering Agents, Pure Antibiotics** and other range of products used in the process.

// Ready-to-Use Plant Tissue Culture Media

- Banana Micropropagation Medium
- Orchid Maintenance/Replate Medium
- Murashige & Skoog Medium (MS Medium)

// Plant Tissue Culture Media Ingredients

► Vitamins:

- D(+)-Biotin (Vitamin H)
- D(+) Pantothenate Calcium Salt
- Folic Acid (Mono)
- Nicotinamide (Niacinamide)
- Thiamine HCL
- Ascorbic Acid
- Nicotinic Acid (Vitamin B₃)
- Pyridoxine HCl (Vitamin B₆)
- Riboflavin (Vitamin B₂/Vitamin G)
- Vitamin B₂ (Riboflavin)
- PQQ Sodium

► Amino Acid:

- L-Cystine
- L-Cystenie HCl (Mono)
- L-Isoleucine
- L-Proline
- L-Tyrosine
- L-Valine
- Glycine

► Micro Nutrients:

- Boric Acid
- Sodium Molybdate
- Potassium Iodide
- Copper Sulphate
- Zinc Sulphate
- Ferrous Sulphate
- Manganese Sulphate
- EDTA Disodium Salt
- Cobalt Chloride

► Macro Nutrients:

- Magnesium Sulphate
- Magnesium Chloride
- Ammonium Sulphate
- Potassium Nitrate
- Calcium Chloride

► Gelling Agents:

- Agar Agar
- Gellan Gum
- Agarose
- Gelrite®
- Carrageenan

► Buffering Agents:

- L-Cystine
- L-Cystenie HCl (Mono)
- L-Isoleucine
- L-Proline
- L-Tyrosine®
- L-Valine
- Glycine

and many more....





// Plant Tissue Culture Media Ingredients

► Carbohydrates:

- D-Glucose
- Starch
- Sucrose
- D-Mannitol
- D-Fructose
- D-Xylose
- D-Mannose
- D-Raffinose
- D+Mannose
- D-Raffinose

► Antibiotic Powder:

- Boric Acid
- Sodium Molybdate
- Potassium Iodide
- Copper Sulphate
- Zinc Sulphate
- Ferrous Sulphate
- Manganese Sulphate
- EDTA Disodium Salt
- Cobalt Chloride

► Plant Growth Regulators:

- Absciscic Acid (ABA, Dormive)
- 6-Benzyladenine (6 BAP)
- 2,4, Dichloro Phenoxy Acetic Acid (2,4-D)
- Indole-3-acetic Acid
- Gibberllic Acid (Ga_{4+7})/(G₃)
- Indole-3-butyric Acid
- Kinetin (6-Furfurylaminopurine)
- Brassinolides

► Other Essential Ingredients:

- Adenosine (9-riboluranosyladenine)
- Polyethylene Glycol 4000/6000
- Polyvinyl Pyrrolidone K-30
- Silver Nitrate
- Di-sodium Hydrogen Phosphate
- Talcum Powder (400/700 Mesh)
- Glycerol (Glycerine)
- Thidiazuron
- Tryptone
- Peptone
- Urea
- Cellulase
- Succinic Acid
- Yeast Extract
- Phloroglucinol
- Sodium Thiosulphate
- Dithioery Threitol (D.T.E)

► Adsorbing Agents:

- Charcoal Activated

► Disinfecting Agents:

- 8-Hydroxyquinoline

► Extensive Range of Plant Pathology Media:

- Malt Agar
- Luria Agar/Broth
- Zinc Solubilizing Medium
- Malt Yeast Extract Agar
- Potato Dextrose Agar/Broth
- Aleksandrow Agar
- Oat Meal Agar
- Aleksandrow Broth
- Nutrient Agar/Broth
- King's Medium B Base
- Czapek Dox Agar/Broth
- Pikosvakaya's Agar/Broth

and many more....



**TM 382
MALT AGAR**



**TM 350/TM 341
NUTRIENT
AGAR/BROTH**



**TM 1363
KING'S MEDIUM B
BASE**



From  **TITAN BIOTECH LTD.**

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