

Product Information Sheet

O156

Orchid Maintenance Medium Contains Banana and Charcoal, Without Agar

Properties

Form:	Powder
Appearance:	Gray powder
Application:	Orchid Culture
Solubility:	Partially Soluble in Water
Typical Working Concentration:	57.31 g/L
Storage Temp:	2 – 6° C
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes:	pH = 4.5 – 5.5

Formula

(mg/L)

Ammonium Nitrate	825
Boric Acid	3.1
Calcium Chloride, Anhydrous	166
Cobalt Chloride•6H ₂ O	0.0125
Cupric Sulfate•5H ₂ O	0.0125
Na ₂ EDTA•2H ₂ O	37.3
Ferrous Sulfate•7H ₂ O	27.85
Magnesium Sulfate, Anhydrous	90.35
Manganese Sulfate•H ₂ O	8.45
Molybdc Acid (Sodium Salt) •2H ₂ O	0.125
Potassium Iodide	0.415
Potassium Nitrate	950

Potassium Phosphate, Monobasic	85
Zinc Sulfate•7H ₂ O	5.3
Activated Charcoal	2000
Banana Powder	30000
MES (Free Acid)	1000
myo-Inositol	100
Nicotinic Acid (Free Acid)	1
Peptone from Meat	2000
Pyridoxine•HCl	1
Sucrose	20000
Thiamine•HCl	10

Application Notes

Plant Tissue Culture Tested

Plant species: Epiphytic orchid species

This medium is a modification of our Orchid Maintenance/Replate Medium (P748). It lacks a gelling agent to permit its use in a liquid culture system. This medium contains banana powder to promote growth and rooting. The pH of this medium should be adjusted after adding the gelling agent and prior to sterilization

Revised 12/2012

India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com