




Comparative Formulation

Orchid

 Powdered Media	COP01	KCP01	LOP01	OMP01	OMP02	OMP03	OMP04	OMP05
Amino Acids	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Glycine			2.0000					
Buffers	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MES Buffer				1000.0000	1000.0000	1000.0000	1000.0000	500.0000
Macronutrients	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Ammonium Nitrate		500.0000		825.0000	825.0000	825.0000	825.0000	412.0000
Ammonium Sulfate		500.0000	1000.0000					
Calcium Chloride, Anhydrous				166.0000	166.0000	166.0000	166.0000	83.0000
Calcium Nitrate, Tetrahydrate		347.2000	500.0000					
Magnesium Sulfate, Anhydrous		122.1300	58.6270	90.3500	90.3500	90.3500	90.3500	75.1800
Potassium Chloride		250.0000	1050.0000					
Potassium Nitrate				950.0000	950.0000	950.0000	950.0000	475.0000
Potassium Phosphate, Monobasic, Anhydrous		250.0000	135.0000	85.0000	85.0000	85.0000	85.0000	42.5000



Powdered Media

OMP06

VWP01

Buffers

mg/L

mg/L

MES Buffer

1000.0000

Macronutrients

mg/L

mg/L

Ammonium Nitrate

825.0000

Ammonium Sulfate

500.0000

Calcium Chloride, Anhydrous

166.0000

Calcium Phosphate, Tribasic

200.0000

Magnesium Sulfate, Anhydrous

90.3500

122.1000

Potassium Nitrate

950.0000

525.0000

Potassium Phosphate, Monobasic, Anhydrous

85.0000

250.0000

Micronutrients

mg/L

mg/L

Boric Acid

3.1000

Cobalt Chloride, Hexahydrate

0.0125

Cupric Sulfate, Pentahydrate

0.0125

EDTA, Disodium Salt, Dihydrate

37.3000

37.2600

Ferrous Sulfate, Heptahydrate

27.8500

27.8000

Manganese Sulfate, Monohydrate

8.4500

5.0900

Molybdic Acid Sodium Salt, Dihydrate

0.1250

Potassium Iodide

0.4150

Zinc Sulfate, Heptahydrate

5.3000

Other Components

mg/L

mg/L

Activated Charcoal

2000.0000

Meat Peptone

2000.0000

Sucrose

20000.0000



Powdered Media

OMP06

VWP01

Vitamins

mg/L

mg/L

Myo-Inositol

100.0000

Nicotinic Acid

1.0000

Pyridoxine, Hydrochloride

1.0000

Thiamine, Hydrochloride

10.0000

0.4000