



Comparative Formulation

Linsmaier & Skoog

 Powdered Media	LSP01	LSP02	LSP03	LSP04
Buffers	mg/L	mg/L	mg/L	mg/L
MES Buffer			200.0000	200.0000
Potassium Bicarbonate			98.0000	98.0000
Macronutrients	mg/L	mg/L	mg/L	mg/L
Ammonium Nitrate	1650.0000		1650.0000	1650.0000
Calcium Chloride, Anhydrous	332.2000		332.2000	332.2000
Magnesium Sulfate, Anhydrous	180.7000		180.7000	180.7000
Potassium Nitrate	1900.0000		1900.0000	1900.0000
Potassium Phosphate, Monobasic, Anhydrous	170.0000		170.0000	170.0000
Micronutrients	mg/L	mg/L	mg/L	mg/L
Boric Acid	6.2000		6.2000	6.2000
Cobalt Chloride, Hexahydrate	0.0250		0.0250	0.0250
Cupric Sulfate, Pentahydrate	0.0250		0.0250	0.0250
EDTA, Disodium Salt, Dihydrate	37.2600		37.2600	37.2600
Ferrous Sulfate, Heptahydrate	27.8000		27.8000	27.8000
Manganese Sulfate, Monohydrate	16.9000		16.9000	16.9000
Molybdcic Acid Sodium Salt, Dihydrate	0.2500		0.2500	0.2500
Potassium Iodide	0.8300		0.8300	0.8300
Zinc Sulfate, Heptahydrate	8.6000		8.6000	8.6000



Powdered Media

LSP01

LSP02

LSP03

LSP04

Other Components

mg/L

mg/L

mg/L

mg/L

Sucrose

30000.0000

Vitamins

mg/L

mg/L

mg/L

mg/L

Myo-Inositol

100.0000

100000.0000

100.0000

100.0000

Thiamine, Hydrochloride

0.4000

400.0000

0.4000

0.4000