





Comparative Formulation

Gamborg's

 Powdered Media	GBP01	GBP04	GBP05	GBP06	GBP07	GBP08	GBP09	GVP01
Amino Acids	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Glycine				20.0000				
L-Arginine				40.0000				
L-Asparagine, Anhydrous				40.0000				
L-Glutamine				60.0000				
L-Methionine				30.0000				
L-Phenylalanine				20.0000				
L-Tryptophan				40.0000				
Macronutrients	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Ammonium Sulfate	134.0000	134.0000	134.0000	200.0000	134.0000	134.0000	134.0000	
Calcium Chloride, Anhydrous	113.2400	113.2400	113.2400	113.2400	113.2400	113.2400	113.2400	
Magnesium Sulfate, Anhydrous	122.0900	122.0900	122.0900	122.0900	122.0900	122.0900	122.0900	
Potassium Chloride				300.0000				
Potassium Nitrate	2500.0000		2500.0000	1000.0000	2500.0000	2500.0000	2500.0000	
Sodium Phosphate, Monobasic, Monohydrate	150.0800	150.0800	150.0800	90.0000	150.0800	150.0800	150.0800	

 Powdered Media	GBP01	GBP04	GBP05	GBP06	GBP07	GBP08	GBP09	GVP01
Micronutrients	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Boric Acid	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	
Cobalt Chloride, Hexahydrate	0.0250	0.0250	0.0250	0.2500	0.0250	0.0250	0.0250	
Cupric Sulfate, Pentahydrate	0.0250	0.0250	0.0250	0.2500	0.0250	0.0250	0.0250	
EDTA, Disodium Salt, Dihydrate	37.2600	37.2600	37.2600	186.0000	37.2600	37.2600		
EDTA, Iron Sodium Salt							36.7000	
Ferrous Sulfate, Heptahydrate	27.8000	27.8000	27.8000	139.0000	27.8000	27.8000		
Manganese Sulfate, Monohydrate	10.0000	10.0000	10.0000	132.0000	10.0000	10.0000	10.0000	
Molybdic Acid Sodium Salt, Dihydrate	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	
Potassium Iodide	0.7500	0.7500	0.7500	0.7500	0.7500	0.7500	0.7500	
Zinc Sulfate, Heptahydrate	2.0000	2.0000	2.0000	3.0000	2.0000	2.0000	2.0000	
Other Components	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sucrose		20000.0000			20000.0000	20000.0000		
Vitamins	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Biotin				0.0002				
Choline Chloride				0.2000				
D-Calcium Pantothenate				0.4000				
Folic Acid				0.0150				
L-Ascorbic Acid				0.4000				
Myo-Inositol		100.0000	100.0000	100.0000		100.0000	100.0000	100000.0000
Nicotinic Acid		1.0000	1.0000	0.5000		1.0000	1.0000	1000.0000
para-Aminobenzoic Acid				0.2000				
Pyridoxine, Hydrochloride		1.0000	1.0000	0.5000		1.0000	1.0000	1000.0000
Riboflavin				0.0150				
Thiamine, Hydrochloride		10.0000	10.0000	0.5000		10.0000	10.0000	10000.0000



Liquid Media

GBL01

mg/L

Nicotinic Acid

1000.0000

Vitamins

mg/L

Myo-Inositol

100000.000
0

Pyridoxine, Hydrochloride

1000.0000

Thiamine, Hydrochloride

10000.0000