




# Comparative Formulation

Gamborg's

 Powdered Media	GBP01	GBP04	GBP05	GBP06	GBP07	GBP08	GBP09	GVP01
<b>Amino Acids</b>	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
L-Arginine				40.0000				
L-Asparagine, Anhydrous				40.0000				
L-Glutamine				60.0000				
L-Phenylalanine				20.0000				
L-Tryptophan				40.0000				
<b>Macronutrients</b>	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		
Calcium Chloride, Anhydrous	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		
Potassium Chloride				300.0000				
Potassium Nitrate	2500.0000		2500.0000	1000.0000	2500.0000	2500.0000		
Sodium Phosphate, Monobasic, Monohydrate	150.0800	150.0800	150.0800	90.0000	150.0800	150.0800		

 Powdered Media	GBP01	GBP04	GBP05	GBP06	GBP07	GBP08	GBP09	GVP01
<b>Micronutrients</b>	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		
Cobalt Chloride, Hexahydrate	0.0250	0.0250	0.0250	0.2500	0.0250	0.0250		
Cupric Sulfate, Pentahydrate	0.0250	0.0250	0.0250	0.2500	0.0250	0.0250		
EDTA, Disodium, Dihydrate	37.2600	37.2600	37.2600	186.0000	37.2600	37.2600		
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		
Molybdcic Acid Sodium Salt, Dihydrate	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		
Zinc Sulfate, Heptahydrate	2.0000	2.0000	2.0000	3.0000	2.0000	2.0000		
<b>Other Components</b>	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sucrose		20000.0000			20000.0000	20000.0000		
<b>Vitamins</b>	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				
Glycine				20.0000				
L-Ascorbic Acid				0.4000				
L-Methionine				30.0000				
Myo-Inositol		100.0000	100.0000	100.0000		100.0000		100000.0000
Nicotinic Acid		1.0000	1.0000	0.5000		1.0000		1000.0000
Para-Aminobenzoic Acid				0.2000				
Pyridoxine, Hydrochloride		1.0000	1.0000	0.5000		1.0000		1000.0000
Riboflavin				0.0150				
Thiamine, Hydrochloride		10.0000	10.0000	0.5000		10.0000		10000.0000



## Liquid Media

GBL01

mg/L

Myo-Inositol

100000.000  
0

Nicotinic Acid

1000.0000

Pyridoxine, Hydrochloride

1000.0000

Thiamine, Hydrochloride

10000.0000