

## Product Information

### Medium 199 with Hank`s Salts,with L-Glutamine

Catalogue Number: GBM02/02F

## Product Specification

Appearance : Clear red orange solution

pH : 7.00 -7.60

Storage & Shelf Life : Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.

Shipping Conditions: Ambient

## Formulation

Components	Concentration mg/L
<b>Vitamins:</b>	
Ascorbic Acid	0.05
Calciferol	0.100
Choline chloride	0.50
D-Biotin	0.01
D-Calcium Pantothenate	0.01
(±)-α-Tocopherol Phosphate 2 Na	0.01
Folic Acid	0.01
Menadione	0.01
myo-Inositol	0.05
Nicotinamide	0.025
Nicotinic Acid	0.025
Pyridoxal HCl	0.025
Pyridoxine HCl	0.025
Vitamin A (Acetate)	0.14
Riboflavin	0.01
Thiamine HCl	0.01
Paraaminobenzoic Acid	0.05
<b>Inorganic Salts:</b>	
CaCl <sub>2</sub> 2 H <sub>2</sub> O	185.00
Fe(NO <sub>3</sub> ) <sub>3</sub> 9 H <sub>2</sub> O	0.72
MgSO <sub>4</sub>	97.67
KCl	400.00
KH <sub>2</sub> PO <sub>4</sub>	60.00
Na Acetate	50.00
NaHCO <sub>3</sub>	0.35
NaCl	8000.00
Na <sub>2</sub> HPO <sub>4</sub>	47.86
<b>Other Components:</b>	
Adenine Sulfate	10.00
Adenosine 5'-Phosphate	0.20
Adenosine 5'-Triphosphate 2Na	1.00
Cholesterol	0.20

Components	Concentration mg/L
Deoxyribose	0.50
D-Glucose	1000.00
Glutathione (reduced)	0.05
Guanine HCl	0.30
Hypoxanthine	0.354
Phenol Red	15.00
Tween®80	4.90
D-Ribose	0.50
Thymine	0.30
Uracil	0.30
Xanthine Na	0.344
<b>Amino Acids:</b>	
L-Alanine	25.00
L-Arginine HCl	70.00
L-Aspartic Acid	30.00
L-Cysteine HCl H <sub>2</sub> O	0.10
L-Cystine 2 HCl	26.00
L-Glutamic Acid	67.00
L-Glutamine	100.00
Glycine	50.00
L-Histidine HCl H <sub>2</sub> O	22.00
L-Hydroxyproline	10.00
L-Isoleucine	20.00
L-Leucine	60.00
L-Lysine HCl	70.00
L-Methionine	15.00
L-Phenylalanine	25.00
L-Proline	40.00
L-Serine	25.00
L-Threonine	30.00
L-Tryptophan	10.00
L-Tyrosine 2 Na 2H <sub>2</sub> O	57.66
L-Valine	25.00

This product is for research use only.

## Need help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

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