



**Dulbecco's Modified Eagle's Medium/
Ham's F-12 , with L-Glutamine,
w/o Phenol Red**

**Code:
ECM0099L**

Amino acids :	
L-Alanine	4,45 mg/L
L-Arginine x HCl	147,35 mg/L
L-Asparagine x H ₂ O	7,5 mg/L
L-Aspartic acid	6,65 mg/L
L-Cystine x 2HCl	31,29 mg/L
L-Cysteine x HCl x H ₂ O	17,56 mg/L
L-Glutamine	365 mg/L
L-Glutamic acid	7,35 mg/L
Glycine	18,75 mg/L
L-Histidine x HCl x H ₂ O	31,48 mg/L
L-Isoleucine	54,37 mg/L
L-Leucine	58,96 mg/L
L-Lysine x HCl	91,37 mg/L
L-Methionine	17,24 mg/L
L-Phenylalanine	35,48 mg/L
L-Proline	17,27 mg/L
L-Serine	26,25 mg/L
L-Threonine	53,55 mg/L
L-Tryptophan	9,02 mg/L
L-Tyrosine x 2Na x 2H ₂ O	55,81 mg/L
L-Valine	52,66 mg/L
Inorganic salt :	
Calcium chloride x 2H ₂ O	154,45 mg/L
Iron(III)-nitrate x 9H ₂ O	0,05 mg/L
Iron(II)-sulfate x 7H ₂ O	0,42 mg/L
Potassium chloride	311,83 mg/L
Copper(II)-sulfate x 5H ₂ O	0,001 mg/L
Magnesium chloride anhydrous	28,57 mg/L
Magnesium sulfate	48,85 mg/L
Sodium chloride	6999,5 mg/L

Sodium dihydrogen phosphate anhydrous	54,35 mg/L
di-Sodium hydrogen phosphate	70,98 mg/L
Zinc sulfate x 7H ₂ O	0,43 mg/L
NaHCO ₃	1200 mg/L
Vitamins :	
D-(+)-Biotine	0,004 mg/L
D-Calcium pantothenate	2,12 mg/L
Choline chloride	8,98 mg/L
Folic acid	2,66 mg/L
myo-Inositol	12,51 mg/L
Nicotinamide	2,02 mg/L
Pyridoxine x HCl	2,03 mg/L
Riboflavin	0,22 mg/L
Thiamine x HCl	2,17 mg/L
Vitamine B12	0,68 mg/L
Other components :	
D(+)-Glucose anhydrous	3151 mg/L
Hypoxanthine	2,04 mg/L
Linoleic acid	0,04 mg/L
DL-68-Lipoic acid	0,103 mg/L
Sodium pyruvate	110 mg/L
Phenol red	0 mg/L
Putrescine x 2HCl	0,081 mg/L
Thymidine	0,36 mg/L