

Composition

P04-12500 **Ham's F10 Medium**
P04-12100 **w: L-Glutamine**
w: 1.2 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H ₂ O	44.10
	Copper(II) sulfate x 5H ₂ O	0.0025
	Iron (II) sulfate x 7H ₂ O	0.834
	Magnesium sulfate x 7H ₂ O	152.85
	Potassium chloride	285.00
	Potassium dihydrogen phosphate	83.00
	Sodium chloride	7,400.00
	di-Sodium hydrogen phosphate	153.70
	Zinc sulfate x 7H ₂ O	0.029
Other Components	D(+)-Glucose anhydrous	1,100.00
	Hypoxanthine	4.08
	DL- α -Lipoic acid	0.21
	Phenol red	1.20
	Sodium pyruvate	110.00
	2'-Deoxythymidine	0.73
Amino Acids	L-Alanine	8.91
	L-Arginine x HCl	211.00
	L-Asparagine x H ₂ O	15.00
	L-Aspartic acid	13.30
	L-Cysteine x HCl x H ₂ O	35.12
	L-Glutamine	146.20

	L-Glutamic acid	14.70
	Glycine	7.51
	L-Histidine x HCl x H ₂ O	21.00
	L-Isoleucine	2.60
	L-Leucine	13.10
	L-Lysine x HCl	29.30
	L-Methionine	4.48
	L-Phenylalanine	4.96
	L-Proline	11.50
	L-Serine	10.50
	L-Threonine	3.57
	L-Tryptophan	0.60
	L-Tyrosine	1.81
	L-Valine	3.50
Vitamins	D(+)-Biotin	0.024
	D-Calcium pantothenate	0.715
	Choline chloride	0.698
	Folic acid	1.32
	myo-Inositol	0.541
	Nicotinamide	0.615
	Pyridoxine x HCl	0.21
	Riboflavin	0.376
	Thiamine x HCl	1.01
	Vitamin B12	1.36
	NaHCO ₃	1,200.00