

## HAM F10 Medium

ask also for other formulations  
Fragen Sie auch nach anderen  
Zusammensetzungen

	Component	mg/L			
<b>Anorganic salts</b>	CaCl <sub>2</sub> (anhydrous)	33,29	Ham F10		
	Cu(II)-sulfate x 5H <sub>2</sub> O	0,003	without L-Glutamine		
	Fe(II)-sulfate x 7H <sub>2</sub> O	0,834	without Phenol red		
	KCl	285,00	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4047.0500
	KH <sub>2</sub> PO <sub>4</sub>	83,00			
	MgSO <sub>4</sub> (dried)	74,62	Ham F10		
	NaCl	6900,00	with L-Glutamine		
	Na <sub>2</sub> HPO <sub>4</sub>	153,70	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4048.0500
	ZnSO <sub>4</sub> x 7H <sub>2</sub> O	0,029			
<b>Other components</b>	D(+)-Glucose (anhydrous)	1100,00	Ham F10		
	Hypoxanthine	4,08	with stab. L-Glutamine		
	DL- $\alpha$ -Lipoic acid	0,21	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4049.0500
	Na-pyruvate	110,00	Ham F10		
	Phenol Red	1,20	with stab. L-Glutamine		
	2'-Deoxythymidine	0,73	without Phenol red		
<b>Amino acids</b>	L-Alanine	8,91	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4050.0500
	L-Arginine x HCl	211,00	Ham F10		
	L-Asparagine x H <sub>2</sub> O	15,00	with L-Glutamine		
	L-Aspartic acid	13,30	with 25 mM Hepes		
	L-Cysteine x HCl x H <sub>2</sub> O	35,12	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4051.0500
	L-Glutamine	146,20			
	L-Glutamic acid	14,70	Ham F10		
	Glycine	7,51	without L-Glutamine		
	L-Histidine x HCl x H <sub>2</sub> O	21,00	with 1.2 g/L NaHCO <sub>3</sub>	500 ml	C4267.0500
	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-Tryptophane	0,60			
L-Tyrosine	1,81				
L-Valine	3,50				
<b>Vitamines</b>	D(+)-Biotin	0,024			
	D-Ca-pantothenate	0,715			
	Cholinchloride	0,698			
	Folic acid	1,32			
	myo-Inositol	0,541			
	Nicotinamide	0,615			
	Pyridoxin HCl	0,21			
	Riboflavine	0,376			
	Thiamine x HCl	1,01			
	Vitamine B12	1,36			