

HAM F12 Medium

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Zusammensetzungen

	Component	mg/L			
Anorganic salts	CaCl ₂ (anhydrous)	33,22	Ham F12		
	Cu(II)-sulfate x 5H ₂ O	0,003	with L-Glutamine		
	Fe(II)-sulfate x 7H ₂ O	0,834	with 1.176 g/L NaHCO ₃	500 ml	C4052.0500
	KCl	223,60			
	MgSO ₄ (dried)	122,00	Ham F12		
	NaCl	7099,00	with L-Glutamine		
	Na ₂ HPO ₄	142,04	with 1.176 g/L NaHCO ₃	500 ml	C4053.0500
	ZnSO ₄ x 7H ₂ O	0,863			
Other components	D(+)-Glucose (anhydrous)	1801,60	Ham F12		
	Hypoxanthine	4,08	with stab. L-Glutamine		
	Linoleic acid	0,084	without folic acid		
	DL- α -Lipoic acid	0,21	with 1.176 g/L NaHCO ₃	500 ml	C4054.0500
	Putrescine x 2HCl	0,161	Ham F12		
	Na-pyruvate	110,10	with stab. L-Glutamine		
	Phenol Red	1,20	with 1.176 g/L NaHCO ₃	500 ml	C4055.0500
	2'-Deoxythymidine	0,73			
Amino acids	L-Alanine	8,91	Ham F12		
	L-Arginine x HCl	210,70	without L-Glutamine		
	L-Asparagine x H ₂ O	15,01	without folic acid		
	L-Aspartic acid	13,31	with 1.176 g/L NaHCO ₃	500 ml	C4270.0500
	L-Cysteine x HCl x H ₂ O	35,12	Ham F12		
	L-Glutamine	146,20	with L-Glutamine		
	L-Glutamic acid	14,71	without Phenol red		
	Glycine	7,51	with 25 mM Hepes		
	L-Histidine x HCl x H ₂ O	20,96	with 1.176 g/L NaHCO ₃	500 ml	C4271.0500
	L-Isoleucine	3,94			
	L-Leucine	13,12			
	L-Lysine x HCl	36,54			
	L-Methionine	4,48			
	L-Phenylalanine	4,96			
	L-Proline	34,53			
	L-Serine	10,51			
	L-Threonine	11,91			
L-Tryptophane	2,04				
L-Tyrosine	5,44				
L-Valine	11,71				
Vitamines	D(+)-Biotin	0,007			
	D-Ca-pantothenate	0,24			
	Cholinchloride	13,96			
	Folic acid	1,32			
	myo-Inositol	18,020			
	Nicotinamide	0,037			
	Pyridoxin HCl	0,062			
	Riboflavine	0,038			
	Thiamine x HCl	0,34			
Vitamine B12	1,36				