

HAM F12 Medium

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Zusammensetzungen

	Component	mg/L			
Anorganic salts	CaCl ₂ (anhydrous)	33.30	Ham's F12		
	Cu(II)-sulfate x 5H ₂ O	0.003	with L-Glutamine		
	Fe(II)-sulfate x 7H ₂ O	0.834	with 1.176g/L NaHCO ₃	500mL	C4052.0500
	KCl	223.60			
	MgSO ₄ x 6H ₂ O	122.00	Ham's F12		
	NaCl	7099.00	without L-Glutamine		
	Na ₂ HPO ₄	142.04	with 1.176g/L NaHCO ₃	500mL	C4053.0500
	ZnSO ₄ x 7H ₂ O	0.86			
Other components	D(+)-Glucose (anhydrous)	1801.60	Ham's F12		
	Hepes	5958.00	with stab. L-Glutamine		
	Hypoxanthine	5.46	without folic acid		
	Linoleic acid	0.084	with 1.176g/L NaHCO ₃	500mL	C4054.0500
	DL- α -Lipoic acid	0.21	Ham's F12		
	Putrescine x 2HCl	0.16	with stab. L-Glutamine		
	Na-pyruvate	110.10	with 1.176g/L NaHCO ₃	500mL	C4055.0500
	Phenol Red	1.20			
Amino acids	Thymidine	0.73	Ham's F12		
	L-Alanine	8.91	without L-Glutamine		
	L-Arginine x HCl	210.70	without folic acid		
	L-Asparagine x H ₂ O	15.01	with 1.176g/L NaHCO ₃	500mL	C4270.0500
	L-Aspartic acid	13.31	Ham's F12		
	L-Cysteine x HCl x H ₂ O	35.12	with L-Glutamine		
	L-Glutamine	146.20	without Phenol Red		
	L-Glutamic acid	14.71	with 25 mM Hepes		
	Glycine	7.51	with 1.176g/L NaHCO ₃	500mL	C4271.0500
	L-Histidine x HCl x H ₂ O	20.96			
	L-Isoleucine	3.94	Ham's F12		
	L-Leucine	13.12	without L-Glutamine		
	L-Lysine x HCl	36.54	without Phenol Red		
	L-Methionine	4.48	with 1.176g/L NaHCO ₃	500mL	C4320.0500
	L-Phenylalanine	4.96			
	L-Proline	34.53	Ham's F12K		
	L-Serine	10.51	with L-Glutamine		
L-Threonine	11.91	with 2.5g/L NaHCO ₃	500mL	C4321.0500	
L-Tryptophane	2.04				
Vitamines	L-Tyrosine x 2Na x 2H ₂ O	7.84	Ham's F12		
	L-Valine	11.71	without L-Glutamine		
	D(+)-Biotin	0.007	with 2.5g/L NaHCO ₃	500mL	C4322.0500
	D-Ca-pantothenate	0.24			
	Cholin chloride	13.96			
	Folic acid	1.32			
	myo-Inositol	18.02			
	Nicotinamide	0.037			
	Pyridoxine x HCl	0.062			
	Riboflavine	0.038			
Thiamine x HCl	0.34				
Vitamine B12	1.36				