

Version 14012011

HAM F12

	Supplements	C4156	C4155	or request	on request
		mg/L	mg/L	mg/L	mg/L
Anorganic salts	CaCl ₂ (free of water)	33.22	33.22	33.22	33.22
	Fe(II)-sulfate x 7H ₂ O	0.834	0.834	0.834	0.834
	KCl	223.60	223.60	223.60	223.60
	Cu(II)-sulfate x 5H ₂ O	0.003	0.003	0.003	0.003
	MgCl ₂ x 6H ₂ O	122.00	122.00	122.00	122.00
	NaCl	7599.00	7599.00	7599.00	7599.00
	Na ₂ HPO ₄ (free of water)	142.04	142.04	142.04	142.04
	ZnSO ₄ x 7H ₂ O	0.863	0.863	0.863	0.863
Other components	D(+)-Glucose (free of water)	1801.60	1801.60	1801.60	1801.60
	HEPES	5958.00	0.00	5958.00	0.00
	Hypoxanthin	4.08	4.08	4.08	4.08
	Linoleic acid	0.084	0.084	0.084	0.084
	DL- α -Lipoic acid	0.21	0.21	0.21	0.21
	Na-pyruvat	110.10	110.10	110.10	110.10
	Phenol Red	1.20	1.20	1.20	1.20
	Putrescin x 2HCl	0.16	0.16	0.16	0.16
	2'-Deoxythymidine	0.73	0.73	0.73	0.73
Amino acids	L-Alanine	8.91	8.91	8.91	8.91
	L-Arginine x HCl	210.70	210.70	210.70	210.70
	L-Asparagine x H ₂ O	15.01	15.01	15.01	15.01
	L-Aspartic acid	13.31	13.31	13.31	13.31
	L-Cysteine x HCl x H ₂ O	35.12	35.12	35.12	35.12
	L-Glutamine	146.20	146.20	0.00	0.00
	L-Glutamic acid (free of w.)	14.71	14.71	14.71	14.71
	Glycine	7.51	7.51	7.51	7.51
	L-Histidine x HCl x H ₂ O	20.96	20.96	20.96	20.96
	L-Isoleucine	3.94	3.94	3.94	3.94
	L-Leucine	13.12	13.12	13.12	13.12
	L-Lysine x HCl	36.54	36.54	36.54	36.54
	L-Methionine	4.48	4.48	4.48	4.48
	L-Phenylalanine	4.96	4.96	4.96	4.96
	L-Proline	34.53	34.53	34.53	34.53
	L-Serine	10.51	10.51	10.51	10.51
	L-Threonine	11.91	11.91	11.91	11.91
L-Tryptophane	2.04	2.04	2.04	2.04	
L-Tyrosine	5.44	5.44	5.44	5.44	
L-Valine	11.71	11.71	11.71	11.71	
Vitamines	D(+)-Biotin	0.007	0.007	0.007	0.007
	D-Ca-pantothenat	0.24	0.24	0.24	0.24
	Cholinchloride	13.96	13.96	13.96	13.96
	Folic acid	1.32	1.32	1.32	1.32
	myo-Inositol	18.02	18.02	18.02	18.02
	Nicotinic acid	0.037	0.037	0.037	0.037
	Pyridoxal x HCl	0.062	0.062	0.062	0.062
	Riboflavin	0.038	0.038	0.038	0.038
	Thiamin x HCl	0.34	0.34	0.34	0.34
	Vitamine B12	1.36	1.36	1.36	1.36
	Total weight (g/L)	16.645	10.69	16.50	10.54