

DMEM - F12 Mix

Supplements		C4136	C4137	C4138	C4139	C4140	C4305
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Anorganic salts	CaCl ₂ (free of water)	116.60	116.60	116.60	116.60	116.60	116.60
	Fe(III)-nitrate x 9H ₂ O	0.05	0.05	0.05	0.05	0.05	0.05
	Fe(II)-sulfate x 7H ₂ O	0.417	0.417	0.417	0.417	0.417	0.417
	KCl	311.8	311.8	311.8	311.8	311.8	311.8
	Cu(II)-sulfate x 5H ₂ O	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
	MgCl ₂ x 6H ₂ O	61.00	61.00	61.00	61.00	61.00	61.00
	MgSO ₄ (free of water)	48.84	48.84	48.84	48.84	48.84	48.84
	NaCl	6999.50	6999.50	6999.50	6999.50	6999.50	6999.50
	NaH ₂ PO ₄ x H ₂ O	62.50	62.50	62.50	62.50	62.50	62.50
	Na ₂ HPO ₄ (free of water)	71,02	71,02	71,02	71,02	71,02	71,02
	ZnSO ₄ x 7H ₂ O	0,432	0,432	0,432	0,432	0,432	0,432
	Other components	D(+)-Glucose (anhydrous)	3151.00	3151.00	3151.00	3151.00	3151.00
HEPES		0.00	0.00	5958.00	5958.00	3574.50	3574.50
Hypoxanthine		2.04	2.04	2.04	2.04	2.04	2.04
Linoleic acid		0.042	0.042	0.042	0.042	0.042	0.042
DL-68-Lipoic acid		0.105	0.105	0.105	0.105	0.105	0.105
Na-pyruvate		55.00	55.00	55.00	55.00	55.00	55.00
Phenol red		8.10	8.10	8.10	8.10	8.10	8.10
Putrescin x 2HCl		0.081	0.081	0.081	0.081	0.081	0.081
Amino acids	L-Alanine	4.46	4.46	4.46	4.46	4.46	4.46
	L-Arginine x HCl	147.35	147.35	147.35	147.35	147.35	147.35
	L-Asparagine x H ₂ O	7.50	7.50	7.50	7.50	7.50	7.50
	L-Aspartic acid	6.66	6.66	6.66	6.66	6.66	6.66
	L-Cystine	24.00	24.00	24.00	24.00	24.00	24.00
	L-Cysteine x HCl x H ₂ O	17.56	17.56	17.56	17.56	17.56	17.56
	L-Glutamine	365.00	0.00	365.00	0.00	365.00	0.00
	L-Glutamic acid	7.35	7.35	7.35	7.35	7.35	7.35
	Glycine	18.76	18.76	18.76	18.76	18.76	18.76
	L-Histidine x HCl x H ₂ O	31.48	31.48	31.48	31.48	31.48	31.48
	L-Isoleucine	54.37	54.37	54.37	54.37	54.37	54.37
	L-Leucine	58.96	58.96	58.96	58.96	58.96	58.96
	L-Lysine x HCl	91.37	91.37	91.37	91.37	91.37	91.37
	L-Methionine	17.24	17.24	17.24	17.24	17.24	17.24
	L-Phenylalanine	35.48	35.48	35.48	35.48	35.48	35.48
	L-Proline	17.27	17.27	17.27	17.27	17.27	17.27
	L-Serine	26.26	26.26	26.26	26.26	26.26	26.26
L-Threonine	53.56	53.56	53.56	53.56	53.56	53.56	
L-Tryptophane	9.02	9.02	9.02	9.02	9.02	9.02	
L-Tyrosine	38.72	38.72	38.72	38.72	38.72	38.72	
L-Valine	52.66	52.66	52.66	52.66	52.66	52.66	
Vitamines	D(+)-Biotin	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
	D-Ca-Pantothenate	2.24	2.24	2.24	2.24	2.24	2.24
	Cholinchloride	8.98	8.98	8.98	8.98	8.98	8.98
	Folic acid	2.66	2.66	2.66	2.66	2.66	2.66
	myo-Inositol	12.51	12.51	12.51	12.51	12.51	12.51
	Nicotinamide	2.02	2.02	2.02	2.02	2.02	2.02
	Pyridoxine x HCl	2.03	2.03	2.03	2.03	2.03	2.03
	Riboflavine	0.219	0.219	0.219	0.219	0.219	0.219
	Thiamine x HCl	2.17	2.17	2.17	2.17	2.17	2.17
	Vitamine B12	0.68	0.68	0.68	0.68	0.68	0.68
Total weight (g/L)	12.01	11.64	17.97	17.60	15.58	15.22	