

Version 04042010

DMEM - Medien

Supplements		C4142	C4141	C4144	C4143	C4146	C4145
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Anorganic salts	CaCl ₂ (free of water)	264.92	264.92	264.92	264.92	264.92	264.92
	Fe(III)-nitrate x 9H ₂ O	0.1	0.1	0.1	0.1	0.1	0.1
	KCl	400	400	400	400	400	400
	MgSO ₄	139.57	139.57	139.57	139.57	139.57	139.57
	NaCl	6400	6400	5900	5900	6400	6400
	NaH ₂ PO ₄ x H ₂ O	125	125	125	125	125	125
Other components	D(+)-Glucose (free of water)	1000	1000	1000	1000	4500	4500
	HEPES	0	0	5958	5958	0	0
	Na-pyruvat	110	110	110	110	0	0
	Phenol red	15	15	15	15	15	15
Amino acids	L-Arginine x HCl	84	84	84	84	84	84
	L-Cystin	48	48	48	48	48	48
	L-Glutamine	0	584	0	584	0	584
	Glycine	30	30	30	30	30	30
	L-Histidin x HCl x H ₂ O	42	42	42	42	42	42
	L-Isoleucine	105	105	105	105	105	105
	L-Leucine	105	105	105	105	105	105
	L-Lysin x HCl	146	146	146	146	146	146
	L-Methionine	30	30	30	30	30	30
	L-Phenylalanine	66	66	66	66	66	66
	L-Serine	42	42	42	42	42	42
	L-Threonin	95	95	95	95	95	95
	L-Tryptophane	16	16	16	16	16	16
	L-Tyrosin	72	72	72	72	72	72
L-Valin	94	94	94	94	94	94	
Vitamines	D-Ca-pantothenat	4	4	4	4	4	4
	Cholinchloride	4	4	4	4	4	4
	Folic acid	4	4	4	4	4	4
	myo-Inositol	7.2	7.2	7.2	7.2	7.2	7.2
	Nicotinic acid	4	4	4	4	4	4
	Pyridoxal x HCl	4	4	4	4	4	4
	Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4
	Thiamin x HCl	4	4	4	4	4	4
Total weight (g/L)	9.43	10.01	14.89	15.48	12.93	13.50	

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DMEM - Medien

	Supplements	C4763 mg/L	C4147 mg/L	C4148 mg/L	C4149 mg/L	on request mg/L	on request mg/L
Anorganic salts	CaCl ₂ (free of water)	264.92	264.92	264.92	264.92	264.92	264.92
	Fe(III)-nitrate x 9H ₂ O	0.1	0.1	0.1	0.1	0.1	0.1
	KCl	400	400	400	400	400	400
	MgSO ₄	139.57	139.57	139.57	139.57	139.57	139.57
	NaCl	6400	5400	5400	5400	6400	5400
	NaH ₂ PO ₄ x H ₂ O	125	125	125	125	125	125
Other components	D(+)-Glucose (free of water)	4500	4500	4500	4500	4500	4500
	HEPES	0	5958	5958	5958	0	5958
	Na-pyruvat	110	0	110	110	110	0
	phenol red	15	15	15	15	15	15
Amino acids	L-Arginine x HCl	84	84	84	84	84	84
	L-Cystin	48	48	48	48	48	48
	L-Glutamine	584	584	0	584	0	0
	Glycine	30	30	30	30	30	30
	L-Histidin x HCl x H ₂ O	42	42	42	42	42	42
	L-Isoleucine	105	105	105	105	105	105
	L-Leucine	105	105	105	105	105	105
	L-Lysin x HCl	146	146	146	146	146	146
	L-Methionine	30	30	30	30	30	30
	L-Phenylalanine	66	66	66	66	66	66
	L-Serine	42	42	42	42	42	42
	L-Threonin	95	95	95	95	95	95
	L-Tryptophane	16	16	16	16	16	16
	L-Tyrosin	72	72	72	72	72	72
L-Valin	94	94	94	94	94	94	
Vitamines	D-Ca-pantothenat	4	4	4	4	4	4
	Cholinchloride	4	4	4	4	4	4
	Folic acid	4	4	4	4	4	4
	myo-Inositol	7.2	7.2	7.2	7.2	7.2	7.2
	Nicotinic acid	4	4	4	4	4	4
	Pyridoxal x HCl	4	4	4	4	4	4
	Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4
	Thiamin x HCl	4	4	4	4	4	4
	Total weight (g/L)	13.52	18.37	17.89	18.48	12.93	17.78