

custom made
DMEM - Medium
 without amino acids, with 1.0g/L Glucose

		standard	w/o amino acids C4150	
Components		mg/L	mg/L	mM
Anorganic salts	CaCl ₂ anhydrous	200.00	200.00	1.8018
	Fe(III)-nitrate x 9H ₂ O	0.10	0.10	2.4752E-4
	KCl	400.00	400.00	5.3333
	MgSO ₄	97.66	97.66	0.8139
	NaCl	6400.00	6400.00	110.3448
	NaH ₂ PO ₄ x H ₂ O	108.69	108.69	0.9058
	NaHCO ₃	3700.00	3700.00	44.0476
Other components	D(+)-Glucose anhydrous	4500.00	1000.00	5.5556
	Na-pyruvat	110.00	110.00	1.0000
	Phenol red	15.00	15.00	0.0399
Amino acids	L-Arginine x HCl	84.00	0.00	0.00
	L-Cystine x 2HCl	62.58	0.00	0.00
	L-Glutamine	584.00	0.00	0.00
	L-Glutamic acid	75.00	0.00	0.00
	Glycine	30.00	0.00	0.00
	L-Histidine x HCl x H ₂ O	42.00	0.00	0.00
	L-Isoleucine	104.80	0.00	0.00
	L-Leucine	104.80	0.00	0.00
	L-Lysine x HCl	146.00	0.00	0.00
	L-Methionine	30.00	0.00	0.00
	L-Phenylalanine	66.00	0.00	0.00
	L-Serine	42.00	0.00	0.00
	L-Threonine	95.20	0.00	0.00
	L-Tryptophane	16.00	0.00	0.00
L-Tyrosine	72.00	0.00	0.00	
L-Valine	93.60	0.00	0.00	
Vitamines	D-Ca-Pantothenate	4.00	4.00	0.0084
	Cholin chloride	4.00	4.00	0.0286
	Folic acid	4.00	4.00	0.0091
	myo-Inositol	7.00	7.00	0.0400
	Nicotinamide	4.00	4.00	0.0328
	Pyridoxine x HCl	4.00	4.00	0.0194
	Riboflavine	0.40	0.40	0.0011
	Thiamine x HCl	4.00	4.00	0.0119