

**DMEM - Medium**

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 Zusammensetzungen  
 mM

	<b>Components</b>	mg/L	
<b>Anorganic salts</b>	CaCl <sub>2</sub> anhydrous	200.00	1,8018
	Fe(III)-nitrate x 9H <sub>2</sub> O	0.10	2.4752E-4
	KCl	400.00	5.3333
	MgSO <sub>4</sub>	97.66	0.8139
	NaCl	6400.00	110.3448
	NaH <sub>2</sub> PO <sub>4</sub> x H <sub>2</sub> O	125.00	0.9058
	NaHCO <sub>3</sub>	3700.00	44.0476
<b>Other components</b>	D(+)-Glucose anhydrous	4500.00	25.0000
	HEPES*	5958.00	25.0336
	* only included if mentioned		
	Na-pyruvat	110.00	1.0000
	Phenol red	15.00	0.0399
<b>Amino acids</b>	L-Arginine x HCl	84.00	0.3981
	L-Cystine x 2HCl	62.58	0.2012
	L-Glutamine	584.00	4.0000
	Glycine	30.00	0.4000
	L-Histidine x HCl x H <sub>2</sub> O	42.00	0.2000
	L-Isoleucine	104.80	0.8015
	L-Leucine	104.80	0.8015
	L-Lysine x HCl	146.00	0.7978
	L-Methionine	30.00	0.2013
	L-Phenylalanine	66.00	0.4000
	L-Serine	42.00	0.4000
	L-Threonine	95.20	0.7984
	L-Tryptophan	16.00	0.0784
L-Tyrosine	72.00	0.3985	
L-Valine	93.60	0.8034	
<b>Vitamines</b>	D-Ca-Pantothenate	4.00	0.0084
	Cholin chloride	4.00	0.0286
	Folic acid	4.00	0.0091
	myo-Inositol	7.00	0.0400
	Nicotinamide	4.00	0.0328
	Pyridoxine x HCl	4.00	0.0194
	Riboflavine	0.40	0.0011
	Thiamine x HCl	4.00	0.0119

see also next page  
 Fortsetzung auf Seite 2