

Alpha MEM

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 Zusammensetzungen

	Component	with nucleosides		w/o nucleosides	
		mg/L	mmol/L	mg/L	mmol/L
Inorganic salts	CaCl x 2H2O	264.92	1.8018	264.92	1.8018
	MgSO4 anhydrous	97.67	0.8139	97.67	0.8139
	KCl	400.00	5.3333	400.00	5.3333
	NaH2PO4	140.00	1.0145	140.00	1.0145
	NaCl	6800.00	118,0698	6800.00	118,0698
	NaHCO3	2200.00	26.1883	2200.00	26.1883
Other components	D(+)-Glucose anhydrous	1000.00	5.5556	1000.00	5.5556
	* Hepes (only included if mentioned)	0.00	0.00	0.00	0.00
	Lipoic acid	0.20	9.7087E-4	0.20	9.7087E-4
	Phenol Red	10.00	0.0266	10.00	0.0266
	Sodium Pyruvate	110.00	1.0000	110.00	1.0000
Amino acids	L-Alanine	25.00	0.2809	25.00	0.2809
	L-Arginine x HCl	126,64	0.6012	126,64	0.6012
	L-Asparagine x H2O	50.00	0.3333	50.00	0.3333
	L-Aspartic acid	30.00	0.2256	30.00	0.2256
	L-Cysteine x HCl x H2O	100.00	0.5682	100.00	0.5682
	L-Cystine	24.00	0.0990	24.00	0.0990
	L-Glutamine	292.00	2.0000	292.00	2.0000
	L-Glutamic acid	75.00	0.5102	75.00	0.5102
	Glycine	50.00	0.6667	50.00	0.6667
	L-Histidine x HCl x H2O	42.00	0.2000	42.00	0.2000
	L-Isoleucine	52.40	0.3995	52.40	0.3995
	L-Leucine	52.40	0,3995	52.40	0,3995
	L-Lysine x HCl	72.47	0.3989	72.47	0.3989
	L-Methionine	15.00	0.1007	15.00	0.1007
	L-Phenylalanine	32.00	0.1939	32.00	0.1939
	L-Proline	40.00	0.3478	40.00	0.3478
	L-Serine	25.00	0.2380	25.00	0.2380
	L-Threonine	48.00	0.4034	48.00	0.4034
	L-Tryptophan	10.00	0.0490	10.00	0.0490
L-Tyrosine	36.20	0.1985	36.20	0.1985	
L-Valine	46.00	0.3932	46.00	0.3932	
Vitamines	L-Ascorbic acid	50.00	0.2841	50.00	0.2841
	D-(+)-Biotin	0.10	4.0984E-4	0.10	4.0984E-4
	D-Ca-Pantothenate	1.00	0.0021	1.00	0.0021
	Choline chloride	1.00	0.0071	1.00	0.0071
	Folic acid	1.00	0.0023	1.00	0.0023
	myo-Inositol	2.00	0.0111	2.00	0.0111
	Niacinamide	1.00	0.0082	1.00	0.0082
	Pyridoxal x HCl	1.00	0.0049	1.00	0.0049
	Riboflavin	0.10	2.6596E-4	0.10	2.6596E-4
	Thiamine x HCl	1.00	0.0030	1.00	0.0030
	Vitamin B12	1.33	0.0010	1.33	0.0010

see also next page
 Fortsetzung auf Seite 2

Alpha MEM

	Components	with nucleosides		w/o nucleosides	
		mg/L	mmol/L	mg/L	mmol/L
Ribonucleosids	Adenosine	10.00	0.0375	0.00	0.00
	Cytidine	10.00	0.0412	0.00	0.00
	Guanosine	10.00	0.0353	0.00	0.00
	Uridine	10.00	0.0410	0.00	0.00
Deoxy- ribonucleosids	2'-Deoxyadenosine x H ₂ O	10.00	0.0398	0.00	0.00
	2'-Deoxycytidine x HCl	11.00	0.0417	0.00	0.00
	2'-Deoxyguanosine	10.00	0.0375	0.00	0.00
	2'-Deoxythymidine	10.00	0.0413	0.00	0.00

* when 5958.00 mg/L Hepes are included only 6300.00 mg/L (107.8029 mmol/L) sodium chloride are included.

* wenn 5958,00 mg/L Hepes enthalten sind, ist nur 6300,00 mg/L (107,8029 mmol/L) NaCl enthalten.