Version: 20181120
Inserm France

GENAXXON bioscience

Alpha MEM

w/o HEPES
w/o amino acids

	Component	mg/L	mM
Anorganic salts	CaCl x 2H2O	264.92	1.8018
	MgSO4 anhydrous	97.67	0.8139
	KCl	400.00	5.3333
	NaH2PO4	140.00	1.0145
	NaCl	6800.00	118.0698
	NaHCO3	2200.00	26.1883
Other components	D(+)-Glucose anhydrous	1000.00	5.5556
	* Hepes (only included if mentioned)	0.00	0.00
	Lipoic acid	0.20	9.7087E-4
	Phenol Red	10.00	0.0266
	Sodium Pyruvate	110.00	1.0000
Amino acids	L-Alanine	0.00	0.00
	L-Arginine x HCl	0.00	0.00
	L-Asparagnine x H2O	0.00	0.00
	L-Aspartic acid	0.00	0.00
	L-Cysteine x HCl x H2O	0.00	0.00
	L-Cystine	0.00	0.00
	L-Glutamine	0.00	0.00
	L-Glutamic acid	0.00	0.00
	Glycine	0.00	0.00
	L-Histidine x HCl x H2O	0.00	0.00
	L-Isoleucine	0.00	0.00
	L-Leucine	0.00	0.00
	L-Lysine x HCl	0.00	0.00
	L-Methionine	0.00	0.00
	L-Phenylalanine	0.00	0.00
	L-Proline	0.00	0.00
	L-Serine	0.00	0.00
	L-Threonine	0.00	0.00
	L-Tryptophane	0.00	0.00
	L-Tyrosine	0.00	0.00
	L-Valine	0.00	0.00
Vitamines	L-Ascorbic acid	50.00	0.2841
	D-(+)-Biotin	0.10	4.0984E-4
	D-Ca-Pantothenate	1.00	0.0021
	Choline chloride	1.00	0.0071
	Folic acid	1.00	0.0023
	myo-Inositol	2.00	0.0111
	Niacinamide	1.00	0.0082
	Pyridoxal x HCl	1.00	0.0049
	Riboflavin	0.10	2.6596E-4
	Thiamine x HCl	1.00	0.0030
	Vitamin B12	1.33	0.0010
Ribonucleosids	Adenosine	10.00	0.0375
	Cytidine	10.00	0.0412
	Guanosine	10.00	0.0353
	Uridine	10.00	0.0410
Deoxy-ribonucleosids	2'-Deoxyadenosine x H2O	10.00	0.0398
	2'-Deoxycytidine x HCl	11.00	0.0417
	2'-Deoxyguanosine	10.00	0.0375
	2'-Deoxythymidine	10.00	0.0413

* HEPES is normally not part of the medium. If HEPES is included only 6300mg/mL NaCl are included.
* HEPES is normalerweise kein Bestandteil des alpha-MEM Mediums. Spezialmedien mit HEPES enthalten dann nur 6300mg/mL NaC

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