Version: 230723

GENAXXON bioscience

DMEM - Medium

C4331 w/o Sodium pyruvate, w/o Ser, with 4.5g/L Glucose
w/o HEPES

		Standard		**C4331**	
	Components				
		mg/L	mM		
Anorganic salts	CaCl2 anhydrous	200.00	1,8018	200.00	
	Fe(III)-nitrate x 9H2O	0.10	2.4752E-4	0.10	
	KCl	400.00	5.3333	400.00	
	MgSO4	97.66	0.8139	97.66	
	NaCl	6400.00	110.3448	6400.00	
	NaH2PO4 x H2O	125.00	0.9058	125.00	entspr. 108.69 anhydrous
	NaHCO3	3700.00	44.0476	3700.00	
Other components	D(+)-Glucose anhydrous	4500.00	25.0000	4500.00	
	Na-pyruvat	110.00	1.0000	0.00	
	Phenol red	15.00	0.0399	15.00	
Amino acids	L-Arginine x HCl	84.00	0.3981	84.00	
	L-Cystine x 2HCl	62.58	0.2012	62.58	
	L-Glutamine	584.00	4.0000	584.00	
	Glycine	30.00	0.4000	30.00	
	L-Histidine x HCl x H2O	42.00	0.2000	42.00	
	L-Isoleucine	104.80	0.8015	104.80	
	L-Leucine	104.80	0.8015	104.80	
	L-Lysine x HCl	146.00	0.7978	146.00	
	L-Methionine	30.00	0.2013	30.00	
	L-Phenylalanine	66.00	0.4000	66.00	
	L-Serine	42.00	0.4000	0.00	
	L-Threonine	95.20	0.7984	95.20	
	L-Tryptophan	16.00	0.0784	16.00	
	L-Tyrosine	72.00	0.3985	72.00	
	L-Valine	93.60	0.8034	93.60	
Vitamines	D-Ca-Pantothenate	4.00	0.0084	4.00	
	Cholin chloride	4.00	0.0286	4.00	
	Folic acid	4.00	0.0091	4.00	
	myo-Inositol	7.00	0.0400	7.00	
	Nicotinamide	4.00	0.0328	4.00	
	Pyridoxine x HCl	4.00	0.0194	4.00	
	Riboflavine	0.40	0.0011	0.40	
	Thiamine x HCl	4.00	0.0119	4.00	

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