GENAXXON bioscience

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RPMI 1640

	Component	mg/L	mmol/L	
Inorganic salts	CaNO3 x 4 H2O	100.00	0.42373	
	KCl	400.00	5.33333	
	MgSO4 (free of water)	48.84	0.40650	corresponds to 100.00 mg/L MgSO4 x 7H2O
	NaCl *	6000.00	103.4483	
	Na2HPO4 (free of water)	800.49	5.63380	
	NaHCO3	2000.00	23.8095	
Other components	D(+)-Glucose (anhydrous)	2000.00	11.1111	
	Glutathione (red.)	1.00	0.00326	
	HEPES *	0.00	0.00	
	Phenol red	5.00	0.01328	
Amino acids	L-Arginine x HCl	241.86	1,14943	corresponds to 200.00 mg/L L-Arginine
	L-Asparagine x H2O	50.00	0.37879	
	L-Aspartic acid	20.00	0.15038	
	L-Cystine	50.00	0.20833	corresponds to 50.00 mg/L L-Cysteine
	L-Glutamine	300.00	0.20548	
	L-Glutamic acid	20.00	0.13605	
	Glycine	10.00	0.13333	
	L-Histidine base	15.00	0.09677	corresponds to 15.00 mg/L L-Histidine base
	L-Hydroxyproline	20.00	0.15267	
	L-Isoleucine	50.00	0.38168	
	L-Leucine	50.00	0.38168	
	L-Lysine x HCl	40.00	0.27397	
	L-Methionine	15.00	0.10067	
	L-Phenylalanine	15.00	0.09091	
	L-Proline	20.00	0.17391	
	L-Serine	30.00	0.28571	
	L-Threonine	20.00	0.16807	
	L-Tryptophan	5.00	0.02451	
	L-Tyrosine	20.00	0.11049	corresponds to 20.00 mg/L L-Tyrosine
	L-Valine	20.00	0.17094	
Vitamines	p-Aminobenzoic acid	1.00	0.00730	
	D(+)-Biotin	0.20	8.197E-4	
	D-Ca-pantothenate	0.25	5.24E-4	
	Choline chloride	3.00	0.02143	
	Folic acid	1.00	0.00227	
	myo-Inositol	35.00	0.19444	
	Nicotinamide	1.00	0.00819	
	Pyridoxol x HCl	1.00	0.00485	
	Riboflavin	0.20	5.319E-4	
	Thiamine x HCl	1.00	0.00296	
	Vitamine B12	0.005	3.69E-6	

* 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.

fon: +49 731 3608 123
fax: +49 731 3608 962

Genaxxon bioscience GmbH

e-mail: info@genaxxon.com
www.genaxxon.com