Version 110318
C4318

GENAXXON bioscience

ask also for other formulations
Fragen Sie auch nach anderen Zusammensetzungen

Williams Medium E

	Component	mg/L	mM
Anorganic salts	CaCl2 anhyd.	200.00	1.8018
	Fe(III)-NO3 x 9H2O	0.0001	2.4752E-7
	KCl	400.00	5.3333
	Cu(II)-SO4 x 5H2O	0.0001	3.9999E-7
	MgSO4 anhyd.	97.67	0.8139
	MnCl2 x 4H2O	0.0001	5.0505E-7
	NaCl*	6800.00	117.2414
	* together with HEPES only 6300mg/L		
	NaH2PO4 x H2O	140.00	1.0145
	ZnSO4 x 7H2O	0.0002	6.9444E-7
Other components	D(+)-Glucose anhydrous	0.00	0.00
	Glutathion red.	0.05	1.6287E-4
	HEPES*	0.00	0.00
	* only included if mentioned		
	Methyllinoleat	0.03	1.0170E-4
	Sodium pyruvate	25.00	0.2273
	Phenol red	0.00	0.00
Amino acids	L-Alanine	90.00	1.0112
	L-Arginine base	50.00	0.2874
	L-Asparagin x H2O	20.00	0.1333
	L-Aspartic acid	30.00	0.2255
	L-Cysteine	40.00	0.3306
	L-Cystine	20.00	0.0833
	L-Glutamine	0.00	0.00
	L-Glutaminic acid	50.00	0.3401
	Glycine	50.00	0.6667
	L-Histidine base	15.00	0.0968
	L-Isoleucine	50.00	0.3817
	L-Leucine	75.00	0.5725
	L-Lysine x HCl	87.50	0.4779
	L-Methionine	15.00	0.1007
	L-Phenylalanine	25.00	0.1515
	L-Proline	30.00	0.2609
	L-Serine	10.00	0.0952
	L-Threonine	40.00	0.3361
	L-Tryptophan	10.00	0.0490
	L-Tyrosine	35.00	0.1941
	L-Valine	50.00	0.4274
Vitamines	Ascorbic acid	2.00	0.0114
	D(+)-Biotin	0.50	0.0020
	Calciferol	0.10	2.5189E-4
	D-Ca-pantothenate	1.00	0.0021
	Choline chloride	1.50	0.0107
	Folic acid	1.00	0.0023
	myo-Inositol	2.00	0.0111
	Menadione sodium bisulfite	0.01	3.6232E-5
	Niacinamide	1.00	0.0082
	Pyridoxal x HCl	1.00	0.0049
	Riboflavin	0.10	2.6596E-4
	Thiamine x HCl	1.00	0.00297
	DL-a-Tocopherol phosphate-Na2	0.01	1.8028
	Vitamin A (acetate)	0.10	3.0488
	Vitamin B12	0.20	1.4760E-4

fon: +49 731 3608 123
fax: +49 731 3608 962
Genaxxon BioScience GmbH
e-mail: info@genaxxon.com
www.genaxxon.com