

DMEM - F12 Mix C4022

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 Zusammensetzungen

	Component	mg/L	mM		
Anorganic salts	CaCl ₂ anhyd.	116.60	1.0505	DMEM / F12 (1:1) without Glucose without L-Glutamine with NaHCO ₃	
	Fe(III)-nitrate x 9H ₂ O	0.05	1.24E-4		
	Fe(II)-sulfate x 7H ₂ O	0.42	0.0015		
	KCl	311.83	4.1573		
	Cu(II)-sulfate x 5H ₂ O	0.001	5.2E-6		
	MgCl ₂ anhyd.	28.57	0.3015		
	MgSO ₄ anhyd.	48.85	0.407		
	NaCl	6999.50	120.6121		
	NaH ₂ PO ₄ anhyd.	54.35	0.4529		
	Na ₂ HPO ₄ anhyd.	70.98	0.5001		
	ZnSO ₄ x 7H ₂ O	0.43	0.0015		
	NaHCO ₃	1200.00	14.2857		
	Other components	D(+)-Glucose (anhydrous)	0.00		0.00
		Hypoxanthine	2.04		0.0150
Linoleic acid		0.04	1.50E-4		
DL-Lipoic acid		0.103	5.1E-4		
Na-pyruvate		110.00	1.0000		
Phenol red		8.10	0.02152		
Putrescin x 2HCl		0.081	5.03E-4		
Thymidine		0.365	0.0015		
Amino acids	L-Alanine	4.46	0.0500		
	L-Arginine x HCl	147.35	0.6990		
	L-Asparagine x H ₂ O	7.50	0.0500		
	L-Aspartic acid	6.66	0.0500		
	L-Cystine	24.00	0.1000		
	L-Cysteine x HCl x H ₂ O	17.56	0.1000		
	L-Glutamine	0.00	0.00		
	L-Glutamic acid	7.36	0.0500		
	Glycine	18.75	0.2500		
	L-Histidine x HCl x H ₂ O	31.48	0.1499		
	L-Isoleucine	54.37	0.4158		
	L-Leucine	58.96	0.4508		
	L-Lysine x HCl	91.37	0.4986		
	L-Methionine	17.24	0.1157		
	L-Phenylalanine	35.48	0.2150		
	L-Proline	17.27	0.1500		
	L-Serine	26.26	0.2500		
L-Threonine	53.55	0.4492			
L-Tryptophan	9.02	0.0442			
L-Tyrosine	38.72	0.2138			
L-Valine	53.00	0.4524			
Vitamines	D(+)-Biotin	0.0035	1.43E-5		
	D-Ca-Pantothenate	2.12	0.0047		
	Cholin chloride	8.98	0.0641		
	Folic acid	2.66	0.0060		
	myo-Inositol	12.51	0.0700		
	Niacinamide	2.02	0.0166		
	Pyridoxine x HCl	2.03	0.0097		
	Riboflavine	0.219	5.82E-4		
	Thiamine x HCl	2.17	0.0064		
	Vitamine B12	0.68	5.02E-4		