

**Glasgow-MEM (BHK 21)**

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 Zusammensetzungen

	<b>Supplement</b>	w/o Tryptose/ Phosphate Bouillon	with Tryptose/ Phosphate Bouillon	
		mg/L	mg/L	
<b>Anorganic salts</b>	CaCl <sub>2</sub> x 2H <sub>2</sub> O	264.92	238.43	Glasgow-MEM (BHK21) without L-Glutamine without Tryptose/Phosphate-Bouillon with 2.75 g/L NaHCO <sub>3</sub> 500mL C4045.0500
	Fe(III)-nitrat x 9H <sub>2</sub> O	0.10	0.09	
	KCl	400.00	360.00	
	MgSO <sub>4</sub> dried	139.57	125.64	
	NaCl	6400.00	6260.00	
	Na <sub>2</sub> HPO <sub>4</sub>	0.00	250.00	
	NaH <sub>2</sub> PO <sub>4</sub> x H <sub>2</sub> O	124.00	111.60	Glasgow-MEM (BHK21) with L-Glutamine
<b>Other components</b>	D(+)-Glucose anhydrous	4500.00	4250.00	without Tryptose/Phosphate-Bouillon with 2.75 g/L NaHCO <sub>3</sub> 500mL C4043.0500
	Phenol Red	15.00	13.50	
	Peptone from Casein	0.00	1000.00	
	Peptone from Meat	0.00	500.00	
	Yeast extract	0.00	500.00	
<b>Amino acids</b>	L-Arginine HCl	42.00	37.80	Glasgow-MEM (BHK21) without L-Glutamine with Tryptose/Phosphate-Bouillon with 2.75 g/L NaHCO <sub>3</sub> 500mL C4046.0500
	L-Cystine	24.00	21.60	
	L-Glutamine	292.00	262.80	
	L-Histidine x HCl x H <sub>2</sub> O	21.00	18.90	Glasgow-MEM (BHK21) with L-Glutamine with Tryptose/Phosphate-Bouillon with 2.75 g/L NaHCO <sub>3</sub> 500mL C4044.0500
	L-Isoleucine	52.40	47.16	
	L-Leucine	52.40	47.16	
	L-Lysine x HCl	73.10	65.79	
	L-Methionine	15.00	13.50	
	L-Phenylalanine	33.00	29.70	
	L-Threonine	47.60	42.84	
	L-Tryptophane	8.00	7.20	
	L-Tyrosine	36.20	32.52	
	L-Valine	46.80	42.12	
<b>Vitamines</b>	D-Ca Pantothenate	2.00	1.80	
	Cholin Chloride	2.00	1.80	
	Folic acid	2.00	1.80	
	myo-Inositol	3.60	3.24	
	Nicotin amide	2.00	1.80	
	Pyridoxal x HCl	2.00	1.80	
	Riboflavin	0.20	0.18	
	Thiamine x HCl	2.00	1.80	