

HyClone classical media

CELL CULTURE

Basal Medium Eagle with Earle's Balanced Salts Dry powdered medium

Component description	Code number SH30159	
	mg/L	mmol/L
Inorganic salts		
Calcium chloride	200	1.8021
Potassium chloride	400	5.3655
Magnesium sulfate (anhydrous)	97.67	0.8112
Sodium chloride	6800	116.3587
Sodium phosphate monobasic H ₂ O	140	1.0146
Amino acids		
L-Arginine-HCl	21	0.0997
L-Cystine-2HCl	15.65	0.0500
L-Glutamine	292	1.9979
L-Histidine	8	0.0516
L-Isoleucine	26	0.1982
L-Leucine	26	0.1982
L-Lysine-HCl	36.47	0.1997
L-Methionine	7.5	0.0503
L-Phenylalanine	16.5	0.0999
L-Threonine	24	0.2015
L-Tryptophan	4	0.0196
L-Tyrosine-2Na-2H ₂ O	25.95	0.0994
L-Valine	23.5	0.2006
Vitamins		
D-Biotin	1	0.0041
Calcium D-pantothenate	1	0.0021
Choline chloride	1	0.0072
Folic acid	1	0.0023
Myo-inositol	2	0.0111
Niacinamide	1	0.0082
Pyridoxal hydrochloride	1	0.0049
Riboflavin	0.1	0.0003
Thiamine-HCl	1	0.0030
Other		
D-Glucose	1000	5.5506
Phenol red-Na	10	0.0266
Sodium bicarbonate (USP* tested)	Add 2200	Add 26.1873

*United States Pharmacopeia

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