



HyClone™ classical media

McCoy's 5A Medium Dry powdered medium

Component description	Code number SH30049	
	mg/L	mmol/L
Inorganic salts		
Calcium chloride (anhydrous)	100	0.9011
Potassium chloride	400	5.3655
Magnesium sulfate (anhydrous)	97.67	0.8112
Sodium chloride	6460	110.5407
Sodium phosphate monobasic H ₂ O	580	4.2032
Amino acids		
L-Alanine	13.36	0.1500
L-Arginine-HCl	42.14	0.2
L-Asparagine-H ₂ O	45.03	0.2999
L-Aspartic acid	19.97	0.15
L-Cysteine-HCl-H ₂ O	35.14	0.2
Hydroxy-L-proline	19.67	0.15
L-Glutamic acid	22.07	0.15
L-Glutamine	219.15	1.4995
Glycine	7.51	0.1
L-Histidine-HCl-H ₂ O	20.96	0.1
L-Isoleucine	39.36	0.3
L-Leucine	39.36	0.3
L-Lysine-HCl	36.54	0.2
L-Methionine	14.92	0.1
L-Phenylalanine	16.52	0.1
L-Proline	17.27	0.15
L-Serine	26.28	0.25
L-Threonine	17.87	0.15
L-Tryptophan	3.06	0.015
L-Tyrosine-2Na-2H ₂ O	26.1	0.0999
L-Valine	17.57	0.15
Vitamins		
D-Biotin	0.2	0.0008
Calcium D-pantothenate	0.2	0.0004
Choline chloride	5	0.0358
Folic acid	10	0.0227
L-Ascorbic acid	0.5	0.0028
Myo-inositol	36	0.1998
Niacin	0.5	0.004
Niacinamide	0.5	0.004
para-Aminobenzoic acid	1	0.0073
Pyridoxal hydrochloride	0.5	0.0025
Pyridoxine-HCl	0.5	0.0024
Riboflavin	0.2	0.0005
Thiamine-HCl	0.2	0.0006
Vitamin B12	2	0.0015
Other		
Bacto™ Peptone G	600	N/A
D-Glucose (anhydrous)	3000	16.6519
HEPES	0	0
L-Glutathione (reduced)	0.5	0.0016
Phenol red-Na	11	0.0292
Sodium bicarbonate	Add 2200	Add 26.1874

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