

HyClone classical media

CELL CULTURE

McCoy's 5A Medium Liquid media

Component description	Code number SH30200		Code number SH30602		Code number SH30270	
	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L
Inorganic salts						
Calcium chloride (anhydrous)	100	0.9011	100	0.9011	100	0.9011
Potassium chloride	400	5.3655	400	5.3655	400	5.3655
Magnesium sulfate (anhydrous)	97.67	0.8112	97.67	0.8112	97.67	0.8112
Sodium chloride	6460	110.5407	6460	110.5407	6460	110.5407
Sodium phosphate monobasic H ₂ O	580	4.2032	580	4.2032	580	4.2032
Amino acids						
L-Alanine	13.36	0.1500	13.36	0.1500	13.36	0.1500
L-Arginine-HCl	42.14	0.2	42.14	0.2	42.14	0.2
L-Asparagine-H ₂ O	45.03	0.2999	45.03	0.2999	45.03	0.2999
L-Aspartic acid	19.97	0.15	19.97	0.15	19.97	0.15
L-Cysteine-HCl-H ₂ O	35.14	0.2	35.14	0.2	35.14	0.2
Hydroxy-L-proline	19.67	0.15	19.67	0.15	19.67	0.15
L-Glutamic acid	22.07	0.15	22.07	0.15	22.07	0.15
L-Glutamine	219.15	1.4995	219.15	1.4995	219.15	1.4995
Glycine	7.51	0.1	7.51	0.1	7.51	0.1
L-Histidine-HCl-H ₂ O	20.96	0.1	20.96	0.1	20.96	0.1
L-Isoleucine	39.36	0.3	39.36	0.3	39.36	0.3
L-Leucine	39.36	0.3	39.36	0.3	39.36	0.3
L-Lysine-HCl	36.54	0.2	36.54	0.2	36.54	0.2
L-Methionine	14.92	0.1	14.92	0.1	14.92	0.1
L-Phenylalanine	16.52	0.1	16.52	0.1	16.52	0.1
L-Proline	17.27	0.15	17.27	0.15	17.27	0.15
L-Serine	26.28	0.25	26.28	0.25	26.28	0.25
L-Threonine	17.87	0.15	17.87	0.15	17.87	0.15
L-Tryptophan	3.06	0.015	3.06	0.015	3.06	0.015
L-Tyrosine-2Na-2H ₂ O	26.1	0.0999	26.1	0.0999	26.1	0.0999
L-Valine	17.57	0.15	17.57	0.15	17.57	0.15

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Vitamins						
D-Biotin	0.2	0.0008	0.2	0.0008	0.2	0.0008
Calcium D-pantothenate	0.2	0.0004	0.2	0.0004	0.2	0.0004
Choline chloride	5	0.0358	5	0.0358	5	0.0358
Folic acid	10	0.0227	10	0.0227	10	0.0227
L-Ascorbic acid	0.5	0.0028	0.5	0.0028	0.5	0.0028
Myo-inositol	36	0.1998	36	0.1998	36	0.1998
Niacin	0.5	0.004	0.5	0.004	0.5	0.004
Niacinamide	0.5	0.004	0.5	0.004	0.5	0.004
para-Aminobenzoic acid	1	0.0073	1	0.0073	1	0.0073
Pyridoxal hydrochloride	0.5	0.0025	0.5	0.0025	0.5	0.0025
Pyridoxine-HCl	0.5	0.0024	0.5	0.0024	0.5	0.0024
Riboflavin	0.2	0.0005	0.2	0.0005	0.2	0.0005
Thiamine-HCl	0.2	0.0006	0.2	0.0006	0.2	0.0006
Vitamin B12	2	0.0015	2	0.0015	2	0.0015
Other						
Bacto™ Peptone G	600	N/A	600	N/A	600	N/A
D-Glucose (anhydrous)	3000	16.6519	3000	16.6519	3000	16.6519
HEPES	0	0	5958	25.0021	0	0
L-Glutathione (reduced)	0.5	0.0016	0.5	0.0016	0.5	0.0016
Phenol red-Na	11	0.0292	11	0.0292	0	0
Sodium bicarbonate	2200	26.1874	2200	26.1874	2200	26.1874

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