

Thermo Scientific HyClone Classical Media

Minimum Essential Medium Dry Powdered Media

Part Number	SH30054		SH30171		SH30219 (Alpha Mod.)		
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L	
Inorganic Salts	CALCIUM CHLORIDE (ANHY)	200	1.8021	200	1.8021	200	1.8021
	FERRIC NITRATE-9H2O	0	0	0	0	0	0
	POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
	MAGNESIUM SULFATE (ANHY)	97.67	0.8112	97.67	0.8112	97.67	0.8112
	SODIUM CHLORIDE	6800	116.3587	6800	116.3587	6800	116.3587
	POTASSIUM PHOSPHATE MONOBASIC ANHY	60	0.4409	0	0	0	0
SODIUM PHOSPHATE MONOBASIC H2O	140	1.0146	140	1.0146	140	1.0146	
Amino Acids	L-ALANINE	0	0	0	0	0	0
	L-ARGININE-HCL	126.98	0.6028	126.98	0.6028	126.98	0.6028
	L-ASPARAGINE-H2O	0	0	0	0	0	0
	L-ASPARTIC ACID	0	0	0	0	0	0
	L-CYSTEINE-HCL-H2O	0	0	0	0	0	0
	L-CYSTEINE-2HCL	31.28	0.0999	31.28	0.0999	31.28	0.0999
	L-GLUTAMIC ACID	0	0	0	0	0	0
	L-GLUTAMINE	0	0	292	1.9979	292	1.9979
	GLYCINE	0	0	0	0	0	0
	L-HISTIDINE-HCL-H2O	41.88	0.1998	41.88	0.1998	41.88	0.1998
	L-ISOLEUCINE	52	0.3964	52	0.3964	52.5	0.4002
	L-LEUCINE	52	0.3964	52	0.3964	52.4	0.3995
	L-LYSINE-HCL	72.47	0.3968	72.47	0.3968	72.47	0.3968
	L-METHIONINE	15	0.1005	15	0.1005	15	0.1005
	L-PHENYLALANINE	32	0.1937	32	0.1937	32	0.1937
	L-PROLINE	0	0	0	0	40	0.3474
	L-SERINE	0	0	0	0	25	0.2379
	L-THREONINE	48	0.403	48	0.403	48	0.403
	L-TRYPTOPHAN	10	0.049	10	0.049	10	0.049
	L-TYROSINE-2NA-2H2O	51.9	0.1987	51.9	0.1987	51.9	0.1987
L-VALINE	46	0.3927	46	0.3927	46	0.3927	
Vitamins	L-ASCORBIC ACID	0	0	0	0	50	0.2839
	D-BIOTIN	0	0	0	0	0.1	0.0004
	CALCIUM D-PANTOTHENATE	1	0.0021	1	0.0021	1	0.0021
	CHOLINE CHLORIDE	1	0.0072	1	0.0072	1	0.0072
	FOLIC ACID	1	0.0023	1	0.0023	1	0.0023
	MYO-INOSITOL	2	0.0111	1	0.0056	2	0.0111
	NIACINAMIDE	1	0.0082	1	0.0082	1	0.0082
	PYRIDOXAL HYDROCHLORIDE	1	0.0049	1	0.0049	1	0.0049
	RIBOFLAVIN	0.1	0.0003	0.1	0.0003	0.1	0.0003
	THIAMINE-HCL	1	0.003	1	0.003	1	0.003
	VITAMIN B12	0	0	0	0	1.36	0.001
	Other	ADENOSINE	0	0	0	0	0
CYTIDINE		0	0	0	0	0	0
D-GLUCOSE (ANHY)		1000	5.5506	1000	5.5506	1000	5.5506
GUANOSINE		0	0	0	0	0	0
DL-ALPHA-LIPOIC ACID		0	0	0	0	0.2	0.001
PHENOL RED-NA		11	0.0292	0	0	11	0.0292
SODIUM PYRUVATE		0	0	0	0	110	0.9996
THYMIDINE		0	0	0	0	0	0
2'-Deoxyadenosine H2O		0	0	0	0	0	0
2'-Deoxycytidine HCl		0	0	0	0	0	0
2'-Deoxyguanosine		0	0	0	0	0	0
URIDINE		0	0	0	0	0	0
SODIUM BICARBONATE		Add 2200	Add 26.1873	Add 2200	Add 26.1873	Add 2200	Add 26.1873

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Minimum Essential Medium Dry Powdered Media

Part Number	SH30193		SH30327		SH30007		
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L	
Inorganic Salts	CALCIUM CHLORIDE (ANHY)	140	1.2615	200	1.8021	200	1.8021
	FERRIC NITRATE-9H2O	0	0	0	0	0	0
	POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
	MAGNESIUM SULFATE (ANHY)	97.67	0.8112	97.67	0.8112	97.67	0.8112
	SODIUM CHLORIDE	8000	136.8925	6800	116.3587	6800	116.3587
	POTASSIUM PHOSPHATE MONOBASIC ANHY	0	0	0	0	0	0
SODIUM PHOSPHATE MONOBASIC H2O	0	0	140	1.0146	140	1.0146	
Amino Acids	L-ALANINE	0	0	0	0	25	0.2806
	L-ARGININE-HCL	126.98	0.6028	126	0.5981	126.98	0.6028
	L-ASPARAGINE-H2O	0	0	0	0	50	0.333
	L-ASPARTIC ACID	0	0	0	0	30	0.2254
	L-CYSTEINE-HCL-H2O	0	0	0	0	100	0.5693
	L-CYSTEINE-2HCL	31.28	0.0999	31.28	0.0999	31.28	0.0999
	L-GLUTAMIC ACID	0	0	0	0	75	0.5098
	L-GLUTAMINE	292	1.9979	0	0	292	1.9979
	GLYCINE	0	0	0	0	50	0.666
	L-HISTIDINE-HCL-H2O	41.88	0.1998	42	0.2004	41.88	0.1998
	L-ISOLEUCINE	52	0.3964	52	0.3964	52.5	0.4002
	L-LEUCINE	52	0.3964	52	0.3964	52.4	0.3995
	L-LYSINE-HCL	72.47	0.3968	72.5	0.3969	72.47	0.3968
	L-METHIONINE	15	0.1005	15	0.1005	15	0.1005
	L-PHENYLALANINE	32	0.1937	32	0.1937	32	0.1937
	L-PROLINE	0	0	0	0	40	0.3474
	L-SERINE	0	0	0	0	25	0.2379
	L-THREONINE	48	0.403	48	0.403	48	0.403
	L-TRYPTOPHAN	10	0.049	10	0.049	10	0.049
	L-TYROSINE-2NA-2H2O	51.9	0.1987	36	0.1378	51.9	0.1987
	L-VALINE	46	0.3927	46	0.3927	46	0.3927
Vitamins	L-ASCORBIC ACID	0	0	0	0	50	0.2839
	D-BIOTIN	0	0	0.02	0.0001	0.1	0.0004
	CALCIUM D-PANTOTHENATE	1	0.0021	1	0.0021	1	0.0021
	CHOLINE CHLORIDE	1	0.0072	1	0.0072	1	0.0072
	FOLIC ACID	1	0.0023	1	0.0023	1	0.0023
	MYO-INOSITOL	2	0.0111	2	0.0111	2	0.0111
	NIACINAMIDE	1	0.0082	1	0.0082	1	0.0082
	PYRIDOXAL HYDROCHLORIDE	1	0.0049	1	0.0049	1	0.0049
	RIBOFLAVIN	0.1	0.0003	0.1	0.0003	0.1	0.0003
	THIAMINE-HCL	1	0.003	1	0.003	1	0.003
	VITAMIN B12	0	0	0	0	1.36	0.001
	Other	ADENOSINE	0	0	0	0	10
CYTIDINE		0	0	0	0	10	0.0411
D-GLUCOSE (ANHY)		1000	5.5506	1000	5.5506	1000	5.5506
GUANOSINE		0	0	0	0	10	0.0353
DL-ALPHA-LIPOIC ACID		0	0	0	0	0.2	0.001
PHENOL RED-NA		11	0.0292	6.4	0.017	11	0.0292
SODIUM PYRUVATE		0	0	0	0	110	0.9996
THYMIDINE		0	0	0	0	10	0.0413
2'-Deoxyadenosine H2O		0	0	0	0	10	0.0371
2'-Deoxycytidine HCl		0	0	0	0	11	0.0417
2'-Deoxyguanosine		0	0	0	0	10	0.0351
URIDINE		0	0	0	0	10	0.041
SODIUM BICARBONATE		Add 2200	Add 26.1873	Add 2200	Add 26.1873	Add 2200	Add 26.1873

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Minimum Essential Medium Dry Powdered Media

Part Number	SH30269 Glasgow's		SH30008	
	mg/L	mmol/L	mg/L	mmol/L
Component Description	mg/L	mmol/L	mg/L	mmol/L
Inorganic Salts				
CALCIUM CHLORIDE (ANHY)	200	1.8021	200	1.8021
FERRIC NITRATE-9H2O	0.1	0.0002	0	0
POTASSIUM CHLORIDE	400	5.3655	400	5.3655
MAGNESIUM SULFATE (ANHY)	97.67	0.8112	97.67	0.8112
SODIUM CHLORIDE	6400	109.514	6800	116.3587
POTASSIUM PHOSPHATE MONOBASIC ANHY	0	0	60	0.4409
SODIUM PHOSPHATE MONOBASIC H2O	124	0.8986	140	1.0146
Amino Acids				
L-ALANINE	0	0	0	0
L-ARGININE-HCL	42	0.1994	126.98	0.6028
L-ASPARAGINE-H2O	0	0	0	0
L-ASPARTIC ACID	0	0	0	0
L-CYSTEINE-HCL-H2O	0	0	0	0
L-CYSTINE-2HCL	31.3	0.0999	31.28	0.0999
L-GLUTAMIC ACID	0	0	0	0
L-GLUTAMINE	292	1.9979	292	1.9979
GLYCINE	0	0	0	0
L-HISTIDINE-HCL-H2O	21	0.1002	41.88	0.1998
L-ISOLEUCINE	52.4	0.3995	52	0.3964
L-LEUCINE	52.4	0.3995	52	0.3964
L-LYSINE-HCL	73.1	0.4002	72.47	0.3968
L-METHIONINE	15	0.1005	15	0.1005
L-PHENYLALANINE	33	0.1998	32	0.1937
L-PROLINE	0	0	0	0
L-SERINE	0	0	0	0
L-THREONINE	47.6	0.3996	48	0.403
L-TRYPTOPHAN	8	0.0392	10	0.049
L-TYROSINE-2NA-2H2O	60.42	0.2313	51.9	0.1987
L-VALINE	46.8	0.3995	46	0.3927
Vitamins				
L-ASCORBIC ACID	0	0	0	0
D-BIOTIN	0	0	0	0
CALCIUM D-PANTOTHENATE	2	0.0042	1	0.0021
CHOLINE CHLORIDE	2	0.0143	1	0.0072
FOLIC ACID	2	0.0045	1	0.0023
MYO-INOSITOL	3.6	0.02	2	0.0111
NIACINAMIDE	2	0.0164	1	0.0082
PYRIDOXAL HYDROCHLORIDE	2	0.0098	1	0.0049
RIBOFLAVIN	0.2	0.0005	0.1	0.0003
THIAMINE-HCL	2	0.0059	1	0.003
VITAMIN B12	0	0	0	0
Other				
ADENOSINE	0	0	0	0
CYTIDINE	0	0	0	0
D-GLUCOSE (ANHY)	4500	24.9778	1000	5.5506
GUANOSINE	0	0	0	0
DL-ALPHA-LIPOIC ACID	0	0	0	0
PHENOL RED-NA	16	0.0425	11	0.0292
SODIUM PYRUVATE	0	0	0	0
THYMIDINE	0	0	0	0
2'-Deoxyadenosine H2O	0	0	0	0
2'-Deoxycytidine HCl	0	0	0	0
2'-Deoxyguanosine	0	0	0	0
URIDINE	0	0	0	0
SODIUM BICARBONATE	Add 2200	Add 26.1873	Add 2200	Add 26.1873