

# Thermo Scientific HyClone Classical Media

## McCoy's 5A Medium Dry Powdered Media

Part Number

SH30049

	Component Description	mg/L	mmol/L
Inorganic Sal	CALCIUM CHLORIDE (ANHY)	100	0.9011
	POTASSIUM CHLORIDE	400	5.3655
	MAGNESIUM SULFATE (ANHY)	97.67	0.8112
	SODIUM CHLORIDE	6460	110.5407
	SODIUM PHOSPHATE MONOBASIC H2O	580	4.2032
Amino Acids	L-ALANINE	13.36	0.1500
	L-ARGININE-HCL	42.14	0.2
	L-ASPARAGINE-H2O	45.03	0.2999
	L-ASPARTIC ACID	19.97	0.15
	L-CYSTEINE-HCL-H2O	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-H2O	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-2H2O	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
	PABA	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
D-GLUCOSE (ANHY)		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