

# Thermo Scientific HyClone Classical Media

## Ham's Nutrient Mixture F10 Dry Powdered Media

Part Number

SH30009

	Component Description	mg/L	mmol/L
Inorganic Salts	CALCIUM CHLORIDE (ANHY)	33.29	0.3
	COPPER SULFATE-5H2O	0.0025	0.00001
	FERROUS SULFATE-7H2O	0.83	0.003
	POTASSIUM CHLORIDE	285	3.8229
	POTASSIUM PHOSPHATE MONOBASIC ANHY	83	0.6099
	MAGNESIUM SULFATE (ANHY)	74.64	0.6199
	SODIUM CHLORIDE	7400	126.6256
	SODIUM PHOSPHATE DIBASIC, ANHY	153.58	1.0819
Amino Acids	ZINC SULFATE-7H2O	0.03	0.0001
	L-ALANINE	8.91	0.1
	L-ARGININE-HCL	211	1.0016
	L-ASPARAGINE-H2O	15	0.0999
	L-ASPARTIC ACID	13.3	0.0999
	L-CYSTEINE	25	0.2063
	L-GLUTAMIC ACID	14.7	0.0999
	L-GLUTAMINE	146.2	1.0003
	GLYCINE	7.51	0.1
	L-HISTIDINE-HCL-H2O	23	0.1097
	L-ISOLEUCINE	2.6	0.0198
	L-LEUCINE	13.1	0.0999
	L-LYSINE-HCL	29.3	0.1604
	L-METHIONINE	4.48	0.03
	L-PHENYLALANINE	4.96	0.03
	L-PROLINE	11.5	0.0999
	L-SERINE	10.5	0.0999
	L-THREONINE	3.57	0.03
	L-TRYPTOPHAN	0.6	0.0029
	L-TYROSINE-2NA-2H2O	2.61	0.01
L-VALINE	3.5	0.0299	
Vitamins	D-BIOTIN	0.02	0.0001
	CALCIUM D-PANTOTHENATE	0.71	0.0015
	CHOLINE CHLORIDE	0.70	0.005
	FOLIC ACID	1.32	0.003
	HYPOXANTHINE-2NA	5.4	0.03
	MYO-INOSITOL	0.54	0.003
	NIACINAMIDE	0.61	0.005
	PYRIDOXINE-HCL	0.2	0.001
	RIBOFLAVIN	0.38	0.001
	THIAMINE-HCL	1.01	0.003
	THYMIDINE	0.73	0.003
	VITAMIN B12	1.36	0.001
	DL-ALPHA-LIPOIC ACID	0.2	0.001
Other	D-GLUCOSE	1100	6.1057
	PHENOL RED-NA	1.3	0.0035
	SODIUM PYRUVATE	110	0.9996
	SODIUM BICARBONATE	Add 1200	Add 14.284