

# Thermo Scientific HyClone Classical Media

## Ham's Nutrient Mixture F12 Dry Powdered Media

Part Number	SH30010		SH30056		SH30305			
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L		
Inorganic Salts	CALCIUM CHLORIDE (ANHY)	33.22	0.2993	33.22	0.2993	33.22	0.2993	
	COPPER SULFATE-5H2O	0.0025	0.00001	0.0025	0.00001	0.0025	0.00001	
	FERROUS SULFATE-7H2O	0.83	0.003	0.83	0.003	0.83	0.003	
	POTASSIUM CHLORIDE	223.65	3	223.65	3	223.65	3	
	POTASSIUM PHOSPHATE MONOBASIC (ANHY)	0	0	0	0	0	0	
	MAGNESIUM CHLORIDE	57.22	0.601	57.22	0.601	57.22	0.601	
	MAGNESIUM SULFATE (ANHY)	0	0	0	0	0	0	
	SODIUM CHLORIDE	7599	130.0308	7599	130.0308	7599	130.0308	
	SODIUM PHOSPHATE DIBASIC, ANHY	142.04	1.0006	142.04	1.0006	142.04	1.0006	
	ZINC SULFATE-7H2O	0.86	0.003	0.86	0.003	0.86	0.003	
	Amino Acids	L-ALANINE	8.91	0.1	8.91	0.1	8.91	0.1
		L-ARGININE-HCL	210.7	1.0002	210.7	1.0002	210.7	1.0002
L-ASPARAGINE-H2O		15.01	0.1	15.01	0.1	15.01	0.1	
L-ASPARTIC ACID		13.3	0.0999	13.3	0.0999	13.3	0.0999	
L-CYSTEINE-HCL-H2O		35.12	0.2	35.12	0.2	35.12	0.2	
L-GLUTAMIC ACID		14.7	0.0999	14.7	0.0999	14.7	0.0999	
L-GLUTAMINE		146.2	1.0003	0	0	146.2	1.0003	
GLYCINE		7.51	0.1	7.51	0.1	7.51	0.1	
L-HISTIDINE-HCL-H2O		20.96	0.1	20.96	0.1	20.96	0.1	
L-ISOLEUCINE		3.94	0.03	3.94	0.03	3.94	0.03	
L-LEUCINE		13.12	0.1	13.12	0.1	13.12	0.1	
L-LYSINE-HCL		36.54	0.2001	36.54	0.2001	36.54	0.2001	
L-METHIONINE		4.48	0.03	4.48	0.03	4.48	0.03	
L-PHENYLALANINE		4.96	0.03	4.96	0.03	4.96	0.03	
L-PROLINE		34.53	0.2999	34.53	0.2999	34.53	0.2999	
L-SERINE		10.51	0.1	10.51	0.1	10.51	0.1	
L-THREONINE		11.91	0.1	11.91	0.1	11.91	0.1	
L-TRYPTOPHAN		2.04	0.01	2.04	0.01	2.04	0.01	
L-TYROSINE-2NA-2H2O		7.78	0.0298	7.78	0.0298	7.78	0.0298	
L-VALINE	11.71	0.1	11.71	0.1	11.71	0.1		
Vitamins	D-BIOTIN	0.00733	0.00003	0.00733	0.00003	0.00733	0.00003	
	CALCIUM D-PANTOTHENATE	0.24	0.0005	0.24	0.0005	0.24	0.0005	
	CHOLINE CHLORIDE	13.96	0.1	13.96	0.1	13.96	0.1	
	FOLIC ACID	1.3	0.0029	1.3	0.0029	1.3	0.0029	
	HYPOXANTHINE-2NA	5.4	0.03	5.4	0.03	5.4	0.03	
	MYO-INOSITOL	18.02	0.1	18.02	0.1	18.02	0.1	
	NIACINAMIDE	0.04	0.0003	0.04	0.0003	0.04	0.0003	
	PYRIDOXINE-HCL	0.06	0.0003	0.06	0.0003	0.06	0.0003	
	RIBOFLAVIN	0.04	0.0001	0.04	0.0001	0.04	0.0001	
	THIAMINE-HCL	0.34	0.001	0.34	0.001	0.34	0.001	
	THYMIDINE	0.73	0.003	0.73	0.003	0.73	0.003	
	VITAMIN B12	1.357	0.001	1.357	0.001	1.357	0.001	
	DL-ALPHA-LIPOIC ACID	0.21	0.001	0.21	0.001	0.21	0.001	
	LINOLEIC ACID	0.09	0.0003	0.09	0.0003	0.09	0.0003	
Other	D-GLUCOSE	1801.6	10	1801.6	10	1801.6	10	
	PHENOL RED-NA	1.3	0.0035	1.3	0.0035	1.3	0.0035	
	SODIUM PYRUVATE	110	0.9996	110	0.9996	110	0.9996	
	PUTRESCINE-2HCL	0.16	0.001	0.16	0.001	0.16	0.001	
	SODIUM BICARBONATE (USP TESTED)	Add 1176	Add 13.9983	Add 1176	Add 13.9983	Add 1176	Add 13.9983	