

Thermo Scientific HyClone Classical Media

Dulbecco's Modified Eagle's Medium/Nutrient Mixture F12 Ham's Dry Powdered Media

Part Number		SH30004 SH30301		SH30069 SH30339	
Component Description		mg/L	mmol/L	mg/L	mmol/L
Inorganic Salts	CALCIUM CHLORIDE (ANHY)	116.61	1.0507	116.61	1.0507
	COPPER SULFATE-5H2O	0.0013	0.00001	0.0013	0.00001
	FERRIC NITRATE-9H2O	0.05	0.0001	0.05	0.0001
	FERROUS SULFATE-7H2O	0.417	0.0015	0.417	0.0015
	POTASSIUM CHLORIDE	311.8	4.1824	311.8	4.1824
	MAGNESIUM CHLORIDE (ANHY)	28.61	0.3005	28.61	0.3005
	MAGNESIUM SULFATE (ANHY)	48.84	0.4056	48.84	0.4056
	SODIUM CHLORIDE	6999.5	119.7724	6999.5	119.7724
	SODIUM PHOSPHATE DIBASIC, ANHY	71.02	0.5003	71.02	0.5003
	SODIUM PHOSPHATE MONOBASIC H2O	62.5	0.4529	62.5	0.4529
	ZINC SULFATE-7H2O	0.43	0.0015	0.43	0.0015
Amino Acids	L-ALANINE	4.45	0.05	4.45	0.05
	L-ARGININE-HCL	147.5	0.7002	147.5	0.7002
	L-ASPARAGINE-H2O	7.501	0.05	7.501	0.05
	L-ASPARTIC ACID	6.65	0.05	6.65	0.05
	L-CYSTEINE-HCL-H2O	17.56	0.1	17.56	0.1
	L-CYSTINE-2HCL	31.29	0.0999	31.29	0.0999
	L-GLUTAMIC ACID	7.35	0.05	7.35	0.05
	L-GLUTAMINE	365	2.4974	365	2.4974
	GLYCINE	18.75	0.2498	18.75	0.2498
	L-HISTIDINE-HCL-H2O	31.48	0.1502	31.48	0.1502
	L-ISOLEUCINE	54.47	0.4153	54.47	0.4153
	L-LEUCINE	59.05	0.4502	59.05	0.4502
	L-LYSINE-HCL	91.26	0.4996	91.26	0.4996
	L-METHIONINE	17.24	0.1155	17.24	0.1155
	L-PHENYLALANINE	35.48	0.2148	35.48	0.2148
	L-PROLINE	17.25	0.1498	17.25	0.1498
	L-SERINE	26.25	0.2498	26.25	0.2498
	L-THREONINE	53.45	0.4487	53.45	0.4487
	L-TRYPTOPHAN	9.02	0.0442	9.02	0.0442
	L-TYROSINE-2NA-2H2O	55.79	0.2136	55.79	0.2136
	L-VALINE	52.85	0.4511	52.85	0.4511
Vitamins	D-BIOTIN	0.0036	0.00001	0.0036	0.00001
	CALCIUM D-PANTOTHENATE	2.24	0.0047	2.24	0.0047
	CHOLINE CHLORIDE	8.98	0.0643	8.98	0.0643
	FOLIC ACID	2.65	0.006	2.65	0.006
	MYO-INOSITOL	12.6	0.0699	12.6	0.0699
	NIACINAMIDE	2.02	0.0165	2.02	0.0165
	PYRIDOXAL HYDROCHLORIDE	0	0	0	0
	PYRIDOXINE-HCL	2.03	0.0099	2.03	0.0099
	RIBOFLAVIN	0.22	0.0006	0.22	0.0006
	THIAMINE-HCL	2.17	0.0064	2.17	0.0064
	VITAMIN B12	0.68	0.0005	0.68	0.0005
	D-GLUCOSE	3151	17.49	3151	17.49
	HEPES	3575	15.0021	0	0
	HYPOXANTHINE-2NA	2.7	0.015	2.7	0.015
	LINOLEIC ACID	0.04	0.0001	0.04	0.0001
	DL-ALPHA-LIPOIC ACID	0.105	0.0005	0.105	0.0005
	PHENOL RED-NA	8.6	0.0229	8.6	0.0229
	PUTRESCINE-2HCL	0.08	0.0005	0.08	0.0005
	SODIUM PYRUVATE	55	0.4999	55	0.4999
	THYMIDINE	0.37	0.0015	0.37	0.0015
Other					
	SODIUM BICARBONATE	ADD 1200	ADD 14.284	ADD 1200	ADD 14.284