

Thermo Scientific HyClone Classical Media

DULBECCO'S MODIFIED EAGLE'S MEDIUM - HIGH GLUCOSE Dry Powdered Media

Part Number	SH30003 SH30300		SH30045		SH30053	
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L
Inorganic Salts						
CALCIUM CHLORIDE	200	1.8021	200	1.8021	200	1.8021
FERRIC NITRATE-9H2O	0.1	0.0002	0.1	0.0002	0.1	0.0002
POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
MAGNESIUM SULFATE	97.67	0.8112	97.67	0.8112	97.67	0.8112
SODIUM CHLORIDE	6400	109.514	6400	109.514	6400	109.514
SODIUM PHOSPHATE MONOBASIC H2O	125	0.9059	125	0.9059	125	0.9059
Amino Acids						
L-ARGININE-HCL	84	0.3987	84	0.3987	84	0.3987
L-CYSTEINE-2HCL	62.57	0.1998	62.57	0.1998	62.57	0.1998
L-GLUTAMINE	584	3.9959	584	3.9959	0	0
GLYCINE	30	0.3996	30	0.3996	30	0.3996
L-HISTIDINE-HCL-H2O	42	0.2004	42	0.2004	42	0.2004
L-ISOLEUCINE	104.8	0.7989	104.8	0.7989	104.8	0.7989
L-LEUCINE	104.8	0.7990	104.8	0.7990	104.8	0.7990
L-LYSINE-HCL	146.2	0.8004	146.2	0.8004	146.2	0.8004
L-METHIONINE	30	0.2011	30	0.2011	30	0.2011
L-PHENYLALANINE	66	0.3995	66	0.3995	66	0.3995
L-SERINE	42	0.3997	42	0.3997	42	0.3997
L-THREONINE	95.2	0.7992	95.2	0.7992	95.2	0.7992
L-TRYPTOPHAN	16	0.0783	16	0.0783	16	0.0783
L-TYROSINE-2NA-2H2O	103.79	0.3974	103.79	0.3974	103.79	0.3974
L-VALINE	93.6	0.7990	93.6	0.7990	93.6	0.7990
Vitamins						
CALCIUM D-PANTOTHENATE	4	0.0084	4	0.0084	4	0.0084
D-PANTOTHENIC ACID NA SALT	0	0	0	0	0	0
CHOLINE CHLORIDE	4	0.0286	4	0.0286	4	0.0286
FOLIC ACID	4	0.0091	4	0.0091	4	0.0091
MYO-INOSITOL	7	0.0389	7	0.0389	7	0.0389
NIACINAMIDE	4	0.0328	4	0.0328	4	0.0328
PYRIDOXINE-HCL	4	0.0195	4	0.0195	4	0.0195
RIBOFLAVIN	0.4	0.0011	0.4	0.0011	0.4	0.0011
THIAMINE-HCL	4	0.0119	4	0.0119	4	0.0119
Other						
D-GLUCOSE	4500	24.9778	4500	24.9778	4500	24.9778
HEPES	0	0	0	0	0	0
PHENOL RED-NA	15.9	0.0422	15.9	0.0422	15.9	0.0422
SODIUM PYRUVATE	0	0	110	0.9996	0	0
SODIUM BICARBONATE	Add 3700	Add 44.0424	Add 3700	Add 44.0424	Add 3700	Add 44.0424

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Dulbecco's Modified Eagle's Medium - High Glucose Dry Powdered Media

Part Number	SH30211 SH30347		SH30346		SH30348	
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L
Inorganic Salts						
CALCIUM CHLORIDE	200	1.8021	0	0	200	1.8021
FERRIC NITRATE-9H2O	0.1	0.0002	0.1	0.0002	0.1	0.0002
POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
MAGNESIUM SULFATE	97.67	0.8112	0	0	97.67	0.8112
SODIUM CHLORIDE	6400	109.514	6400	109.514	6400	109.514
SODIUM PHOSPHATE MONOBASIC H2O	125	0.9059	125	0.9059	125	0.9059
Amino Acids						
L-ARGININE-HCL	84	0.3987	84	0.3987	84	0.3987
L-CYSTINE-2HCL	62.57	0.1998	62.57	0.1998	62.57	0.1998
L-GLUTAMINE	584	3.9959	0	0	584	3.9959
GLYCINE	30	0.3996	30	0.3996	30	0.3996
L-HISTIDINE-HCL-H2O	42	0.2004	42	0.2004	42	0.2004
L-ISOLEUCINE	104.8	0.7989	104.8	0.7989	104.8	0.7989
L-LEUCINE	104.8	0.7990	104.8	0.7990	104.8	0.7990
L-LYSINE-HCL	146.2	0.8004	146.2	0.8004	146.2	0.8004
L-METHIONINE	30	0.2011	30	0.2011	30	0.2011
L-PHENYLALANINE	66	0.3995	66	0.3995	66	0.3995
L-SERINE	42	0.3997	42	0.3997	42	0.3997
L-THREONINE	95.2	0.7992	95.2	0.7992	95.2	0.7992
L-TRYPTOPHAN	16	0.0783	16	0.0783	16	0.0783
L-TYROSINE-2NA-2H2O	103.79	0.3974	103.79	0.3974	103.79	0.3974
L-VALINE	93.6	0.7990	93.6	0.7990	93.6	0.7990
Vitamins						
CALCIUM D-PANTOTHENATE	4	0.0084	0	0	4	0.0084
D-PANTOTHENIC ACID NA SALT	0	0	0	0	0	0
CHOLINE CHLORIDE	4	0.0286	4	0.0286	4	0.0286
FOLIC ACID	4	0.0091	4	0.0091	4	0.0091
MYO-INOSITOL	7	0.0389	7	0.0389	7	0.0389
NIACINAMIDE	4	0.0328	4	0.0328	4	0.0328
PYRIDOXINE-HCL	4	0.0195	4	0.0195	4	0.0195
RIBOFLAVIN	0.4	0.0011	0.4	0.0011	0.4	0.0011
THIAMINE-HCL	4	0.0119	4	0.0119	4	0.0119
Other						
D-GLUCOSE	4500	24.9778	4500	24.9778	4500	24.9778
HEPES	0	0	0	0	0	0
PHENOL RED-NA	0	0	15.9	0.0422	15.9	0.0422
SODIUM PYRUVATE	0	0	0	0	0	0
SODIUM BICARBONATE	Add 3700	Add 44.0424	Add 3700	Add 44.0424	Add 3700	Add 44.0424

Thermo Scientific HyClone Classical Media

Dulbecco's Modified Eagle's Medium - High Glucose Dry Powdered Media

Part Number

SH30383

	Component Description	mg/L	mmol/L
Inorganic Salts	CALCIUM CHLORIDE	200	1.8021
	FERRIC NITRATE-9H2O	0.1	0.0002
	POTASSIUM CHLORIDE	400	5.3655
	MAGNESIUM SULFATE	97.67	0.8112
	SODIUM CHLORIDE	6400	109.514
	SODIUM PHOSPHATE MONOBASIC H2O	125	0.9059
Amino Acids	L-ARGININE-HCL	84	0.3987
	L-CYSTINE-2HCL	62.57	0.1998
	L-GLUTAMINE	0	0
	GLYCINE	30	0.3996
	L-HISTIDINE-HCL-H2O	42	0.2004
	L-ISOLEUCINE	104.8	0.7989
	L-LEUCINE	104.8	0.7990
	L-LYSINE-HCL	146.2	0.8004
	L-METHIONINE	30	0.2011
	L-PHENYLALANINE	66	0.3995
	L-SERINE	42	0.3997
	L-THREONINE	95.2	0.7992
	L-TRYPTOPHAN	16	0.0783
	L-TYROSINE-2NA-2H2O	103.79	0.3974
	L-VALINE	93.6	0.7990
Vitamins	CALCIUM D-PANTOTHENATE	4	0.0084
	D-PANTOTHENIC ACID NA SALT	0	0
	CHOLINE CHLORIDE	4	0.0286
	FOLIC ACID	4	0.0091
	MYO-INOSITOL	7	0.0389
	NIACINAMIDE	4	0.0328
	PYRIDOXINE-HCL	4	0.0195
	RIBOFLAVIN	0.4	0.0011
THIAMINE-HCL	4	0.0119	
Other	D-GLUCOSE	4500	24.9778
	HEPES	0	0
	PHENOL RED-NA	15.9	0.0422
	SODIUM PYRUVATE	0	0
	SODIUM BICARBONATE	Add 3700	Addd 44.0424