

MCDB Media

Component	(105)	(110)	(151)	(201)	(153)	(131)
	M6395 [Powder] g/L	M6520 [Powder] g/L	M6645 [Powder] g/L	M6770 [Powder] g/L	M7403 [Powder] g/L	M8537 [Powder] g/L
Inorganic salts						
NH4VO3	0.00000585	0.00000585	—	0.00000006	0.00000585	0.000006
(NH4)2MoO4 • 4H2O	0.0000124	0.0000124	—	0.00000618	0.0000124	0.000037
CaCl2 • 2H2O	0.147	0.147	0.004411	0.294	0.004411	0.2352
CuSO4 • 5H2O	0.0000025	0.0000025	0.0000025	0.0000025	0.0000275	0.000012
FeSO4 • 7H2O	0.00139	0.00139	0.000417	0.001668	0.00139	0.000278
MgCl2 • 6H2O	—	—	0.122	—	0.122	—
MgSO4 (anhyd)	0.12038	0.12038	—	0.18057	—	1.204
MnSO4	0.00000151	0.00000151	—	0.00000075	0.00000151	0.000002
NiCl2 • 6H2O	0.00000012	0.00000012	—	1.2E-09	0.00000012	0.0000001
KCl	—	0.37275	0.11183	0.22365	0.11183	0.2982
KH2PO4	0.40827	—	—	—	—	—
NaCl	6.546	6.546	7.599	7.597	7.599	6.4284
Na2HPO4 (anhyd)	—	0.42594	0.284088	0.07099	0.284088	0.071
Na2SeO3	0.000005187	0.0000038	—	0.00000865	0.0000038	0.0000052
NaSiO3 • 9H2O	0.0001421	0.000142	—	0.000142	0.000142	0.002842
SnCl2 • 2H2O	0.000000113	0.000000113	—	—	0.000000113	—
ZnSO4 • 7H2O	0.000144	0.000144	0.000863	0.000028744	0.000144	0.0000003
Amino acids						
L-Alanine	0.00891	0.00891	0.00891	0.00891	0.00891	0.00267
L-Arginine • HCl	0.2107	0.2107	0.2107	0.0632	0.2107	0.06321
L-Asparagine monohydrate	0.015	0.015	0.015	0.15	0.015	0.01501
L-Aspartic acid	0.01331	0.01331	0.00399	0.01331	0.00399	0.01331
L-Cysteine • HCl • monohydrate	0.00878	0.00878	0.04204	0.03513	0.04204	0.03512
L-Glutamic acid	0.01471	0.01471	0.01471	0.01471	0.01471	0.004413
L-Glutamine	0.3653	0.3653	0.8772	0.14615	0.8772	1.461
Glycine	0.00751	0.02252	0.00751	0.00751	0.00751	0.00225
L-Histidine • HCl • monohydrate	0.02097	0.02097	0.01677	0.02097	0.01677	0.04192
L-Isoleucine	0.00394	0.00394	0.001968	0.01312	0.001968	0.0656
L-Leucine	0.01312	0.01312	0.0656	0.03935	0.0656	0.1312
L-Lysine • HCl	0.03654	0.03654	0.01827	0.03654	0.01827	0.1826
L-Methionine	0.00448	0.00448	0.004476	0.00448	0.00448	0.01492
L-Phenylalanine	0.00496	0.00496	0.004956	0.00496	0.00496	0.03304
L-Proline	0.03453	0.03453	0.03453	0.00576	0.03453	0.01151
L-Serine	0.01051	0.01051	0.06306	0.03153	0.06306	0.03153
L-Threonine	0.01191	0.01191	0.01191	0.03574	0.01191	0.01191
L-Tryptophan	0.00204	0.00204	0.00306	0.00613	0.00306	0.00408
L-Tyrosine • 2Na • dihydrate	0.00784	0.00784	0.00392	0.01135	0.00341	0.02252
L-Valine	0.01172	0.01172	0.03513	0.03513	0.03513	0.1171
Vitamins						
D-Biotin	0.000007339	0.00000733	0.0000146	0.00000733	0.0000146	0.0000073
Choline chloride	0.01396	0.01396	0.01396	0.01396	0.01396	0.01396
Folic acid	—	—	0.00079	—	0.00079	—
Folinic acid • Ca	0.000000512	0.00000602	—	0.00000512	—	0.0005115
myo-Inositol	0.01802	0.01802	0.01802	0.01802	0.01802	0.007208
Niacinamide	0.00611	0.00611	0.0000366	0.00611	0.00003663	0.006105
D-Pantothenic acid • ½Ca	0.000238	0.000238	0.000238	0.000477	0.000238	0.011915
Pyridoxine • HCl	0.0000617	0.0000617	0.0000617	0.0000617	0.00006171	0.002056
Riboflavin	0.000113	0.000113	0.0000376	0.000113	0.0000376	0.0000038
Thiamine • HCl	0.000337	0.000337	0.000337	0.000337	0.000337	0.003373
Thictic acid	0.00000206	0.00000206	0.0002063	0.00000206	0.000206	0.0000021
Vitamin B12	0.000136	0.000136	0.000407	0.000136	0.000407	0.0000136
Sugars						
D-Glucose	0.72064	0.72064	1.081	1.441	1.081	1
Other						
Adenine • HCl	0.00172	0.00172	0.03088	0.00172	0.03088	0.0001716
HEPES	5.958	5.958	6.6	7.149	6.6	—
Linoleic acid	0.0000028	—	—	0.0000841	—	—
Phenol red • Na	0.001242	0.001242	0.001242	0.001242	0.001242	0.0124212
Putrescine • 2HCl	0.000000161	0.000000161	0.0001611	0.000000161	0.000161	0.0000002
Pyruvic acid • Na	0.11	0.11	0.055	0.055	0.055	0.11
Sodium acetate	—	—	0.30153	—	0.30153	—
Thymidine	0.0000727	0.0000727	0.000727	0.0000727	0.000727	0.0000242
Add						
NaHCO3	—	—	1.176	—	1.176	1.18