

MCDB 131 Medium Ingredient Formula

Ingredient	Concentration (mg/L)	Ingredient	Concentration (mg/L)
Inorganic Salt			
(NH ₄) ₆ Mo ₇ O ₂₄ •4H ₂ O	0.0037	L-Lysine Hydrochloride	182
NH ₄ VO ₃	0.0006	L-Methionine	15
CaCl ₂ (Anhydrous)	177.5	L-Phenylalanine	33
CuSO ₄ •5H ₂ O	0.001249	L-Proline	11.5
FeSO ₄ •7H ₂ O	0.283	L-Serine	32
MgSO ₄ (Anhydrous)	1204	L-Threonine	12
MnSO ₄ •H ₂ O	0.0002	L-Tryptophan	4.1
NiCl ₂ •6H ₂ O	0.000071	L-Tyrosine Disodium Salt	22.52
KCl	298	L-Valine	117
H ₂ SeO ₃	0.0038	Vitamin	
NaHCO ₃	1176	Biotin	0.0073
NaCl	6430	Choline Chloride	14
NaSiO ₃ •9H ₂ O	2.8	D-Calcium Pantothenate	12
Na ₂ HPO ₄ (Anhydrous)	71	Calcium Folate	0.6
ZnSO ₄ •7H ₂ O	0.0003	Niacinamide	6.1
Amino Acid		Pyridoxine Hydrochloride	2.1
Glycine	2.3	Riboflavin	0.0038
L-Alanine	2.7	Thiamine Hydrochlorid	3.4
L-Arginine Hydrochloride	63.2	Vitamin B12	0.0136
L-Asparagine Monohydrate	15	Meso-inositol	7.2
L-Aspartic Acid	13.3	Others	
L-Cysteine Hydrochloride	35	D-Glucose	1000
L-Glutamic Acid	4.4	Adenine	0.135
L-Glutamine	–	Lipoic Acid	0.0021
L-Histidine Hydrochloride	42	Putrescine Dihydrochloride	0.0002
L-Isoleucine	66	Sodium Pyruvate	110
L-Leucine	131	Phenol Red	12.4