

MCDB 131, without L-glutamine

Catalog Number(s): MCDB01, MCDB02

Components	mg/L
Amino Acids	
L-Alanine	2.67
L-Arginine HCl	63.21
L-Asparagine H ₂ O	15.01
L-Aspartic acid	13.31
L-Cystine HCl H ₂ O	35.12
L-Glutamic acid	4.413
L-Glycine	2.25
L-Histidine HCl H ₂ O	41.92
L-Isoleucine	65.60
L-Leucine	131.20
L-Lysine HCl	182.60
L-Methionine	14.92
L-Phenylalanine	33.04
L-Proline	11.51
L-Serine	31.53
L-Threonine	11.91
L-Tryptophan	4.08
L-Tyrosine 2Na 2H ₂ O	22.52
L-Valine	117.1
Vitamins	
Biotin	0.0073
Choline chloride	13.96
D-Calcium pantothenate	11.915
Calcium folic acid	0.5115
i-Inositol	7.208
Niacinamide	6.105
DL-Thioctic (lipoic) acid	0.0021
Pyridoxine HCl	2.056
Riboflavin	0.0038
Thiamine HCl	3.373
Vitamin B12	0.0136

Components	mg/L
Inorganic Salts	
CaCl ₂ 2H ₂ O	235.20
CuSO ₄ 5H ₂ O	0.0012
FeSO ₄ 7H ₂ O	0.278
KCl	298.20
MgSO ₄ (anhydrous)	1204.00
MnSO ₄ H ₂ O	0.0002
NaCl	6428.20
Na ₂ HPO ₄ (anhydrous)	71.00
NaHCO ₃	1180.00
Na ₂ SeO ₃	0.0052
Na ₂ SiO ₃ 9H ₂ O	2.842
(NH ₄) ₆ Mo ₇ O ₂₄ 4H ₂ O	0.0037
NH ₄ VO ₃	0.0006
NiCl ₂ 6H ₂ O	0.0001
ZnSO ₄ 7H ₂ O	0.0003
Other Components	
D-Glucose	1000.00
Putrescine 2HCl	0.0002
Phenol Red - Na	12.421
Sodium Pyruvate	110.00
Thymidine	0.0242
Adenine HCl	0.1716