

CORNING

MCDB 131

Formulation

Cat. No.	15-100
Description	Liquid, 1x
Units	mg/L
Components	
<i>Inorganic Salts</i>	
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	6428.40
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) ₂ MoO ₄ • 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
<i>Amino Acids</i>	
L-Alanine	2.67
L-Arginine • HCl	63.21
L-Asparagine • H ₂ O	15.01
L-Aspartic Acid	13.31
L-Cysteine • 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

Components (continued)	(15-100)
L-Methionine	14.92
L-Phenylalanine	33.04
L-Proline	11.51
L-Serine	31.53
L-Threonine	11.91
L-Tryptophan	4.08
<i>Vitamins</i>	
Biotin	0.0073
D-Calcium pantothenate	11.915
Choline chloride	13.96
Calcium folic acid	0.5115
D-Inositol	7.208
Nicotinamide	6.105
DL-Thioctic (lipic) acid	0.0021
Pyridoxine • HCl	2.056
Riboflavin	0.0038
Thiamine • HCl	3.373
Vitamin B ₁₂	0.0136
<i>Other</i>	
D-Glucose	1000.00
Putrescine • 2HCl	0.0002
Phenol red • Na	12.421
Sodium pyruvate	110.00
Thymidine	0.0242
Adenine HCl	0.1716



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It is this expertise, plus a 160-year history of Corning innovation and manufacturing excellence, that puts us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

For additional product or technical information, please visit www.cellgro.com or call 1.800.235.5476.

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