

# CORNING

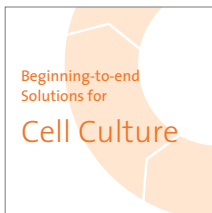
## MCDB 131

### Formulation

<b>Cat. No.</b>	<b>15-100</b>
<b>Description</b>	<b>Liquid, 1x</b>
<b>Units</b>	<b>mg/L</b>

<b>Components</b>	
<i>Inorganic Salts</i>	
CaCl <sub>2</sub> • 2H <sub>2</sub> O	235.20
CuSO <sub>4</sub> • 5H <sub>2</sub> O	0.0012
FeSO <sub>4</sub> • 7H <sub>2</sub> O	0.278
KCl	298.20
MgSO <sub>4</sub> (anhydrous)	1204.00
MnSO <sub>4</sub> • H <sub>2</sub> O	0.0002
NaCl	6428.40
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	71.00
NaHCO <sub>3</sub>	1180.00
Na <sub>2</sub> SeO <sub>3</sub>	0.0052
Na <sub>2</sub> SiO <sub>3</sub> • 9H <sub>2</sub> O	2.842
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> • 4H <sub>2</sub> O	0.0037
NH <sub>4</sub> VO <sub>3</sub>	0.0006
NiCl <sub>2</sub> • 6H <sub>2</sub> O	0.0001
ZnSO <sub>4</sub> • 7H <sub>2</sub> O	0.0003
<i>Amino Acids</i>	
L-Alanine	2.67
L-Arginine • HCl	63.21
L-Asparagine • H <sub>2</sub> O	15.01
L-Aspartic Acid	13.31
L-Cysteine • HCl • H <sub>2</sub> O	35.12
L-Glutamic Acid	4.413
L-Glycine	2.25
L-Histidine • HCl • H <sub>2</sub> O	41.92
L-Isoleucine	65.60
L-Leucine	131.20
L-lysine • HCl	182.60

<b>Components (continued)</b>	<b>(15-100)</b>
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 <sub>2</sub> O	22.52
L-Valine	117.1
<i>Vitamins</i>	
Biotin	0.0073
D-Calcium pantothenate	11.915
Choline chloride	13.96
Calcium folinic acid	0.5115
<i>i</i> -Inositol	7.208
Nicotinamide	6.105
DL-Thioctic (lipoic) acid	0.0021
Pyridoxine • HCl	2.056
Riboflavin	0.0038
Thiamine • HCl	3.373
Vitamin B <sub>12</sub>	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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