

## Amino Acid Solutions

COMPONENT	B 6766 BME [50X] g/L	M 5550 MEM [50X] g/L	M 7145 MEM [100X] g/L	R 7131 RPMI-1640 [50X] g/L
<b>AMINO ACIDS</b>				
L-Alanine (free base)	—	—	0.89	—
L-Arginine (free base)	—	—	—	10.0
L-Arginine•HCl	1.05	6.32	—	—
L-Asparagine (anhyd)	—	—	—	—
L-Asparagine•H <sub>2</sub> O	—	—	1.5	2.84065
L-Aspartic Acid	—	—	1.33	1.0
L-Cystine	0.6	—	—	2.5
L-Cystine • 2HCl	—	1.564	—	—
L-Glutamic Acid	—	—	1.47	1.0
Glycine	—	—	0.75	0.5
L-Histidine (free base)	0.4	—	—	0.75
L-Histidine•HCl•H <sub>2</sub> O	—	2.1	—	—
Hydroxy-L-Proline	—	—	—	1.0
L-Isoleucine	1.3	2.625	—	2.5
L-Leucine	1.3	2.62	—	2.5
L-Lysine•HCl	1.849	3.625	—	2.0
L-Methionine	0.375	0.755	—	0.75
L-Phenylalanine	0.825	1.65	—	0.75
L-Proline	—	—	1.15	1.0
L-Serine	—	—	1.05	1.5
L-Threonine	1.2	2.38	—	1.0
L-Tryptophan	0.2	0.51	—	0.25
L-Tyrosine	0.9	1.8	—	1.1598600
L-Tyrosine•2Na•2H <sub>2</sub> O	—	—	—	—
L-Valine	1.175	2.34	—	1.0

## Vitamin Solutions

COMPONENT	B 6891 BME [100X] g/L	M 6895 MEM [100X] g/L	R 7256 RPMI-1640 [100X] g/L
<b>VITAMINS</b>			
D-Biotin	0.1	—	0.02
Choline Chloride	0.1	0.1	0.3
Folic Acid	0.1	0.1	0.1
myo-Inositol	0.2	0.2	3.5
Niacinamide	0.1	0.1	0.1
p-Amino Benzoic Acid	—	—	0.1
D-Pantothenic Acid•½Ca	0.1	0.1	0.025
Pyridoxal.HCl	0.1	0.1	—
Pyridoxine•HCl	—	—	0.1
Riboflavin	0.01	0.01	0.02
Thiamine•HCl	0.1	0.1	0.1
Vitamin B-12	—	—	0.0005
<b>INORGANIC SALTS</b>			
KCl	—	0.2	0.2
KH <sub>2</sub> PO <sub>4</sub> (anhyd)	—	0.2	0.2
NaCl	8.5	8.0	8.0
Na <sub>2</sub> HPO <sub>4</sub> (anhyd)	—	1.15	1.15