

<b>RPMI-1640</b>						
Code No.	189-02025 183-02023 187-02021	185-02865	189-02145	187-02705	186-02155	183-02165
L-Glutamine	●	●	●	●	●	-
Phenol Red	●	●	●	●	-	●
Sodium Pyruvate	-	-	-	●	-	-
HEPES	-	-	●	●	-	-
<b>Components</b>	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
<b><i>Inorganic components:</i></b>						
Ca(NO <sub>3</sub> ) <sub>2</sub> 4H <sub>2</sub> O	100.00	100.00	100.00	100.00	100.00	100.00
KCl	400.00	400.00	400.00	400.00	400.00	400.00
MgSO <sub>4</sub> (anhyd.)	48.84	48.84	48.84	48.84	48.84	48.84
NaCl	6,000.00	6,000.00	5,500.00	6,000.00	6,000.00	6,000.00
NaHCO <sub>3</sub>	2,000.00	2,000.00	2,000.00	1,500.00	2,000.00	2,000.00
Na <sub>2</sub> HPO <sub>4</sub> (anhyd.)	800.00	800.00	800.00	800.00	800.00	800.00
<b><i>Amino acids:</i></b>						
L-Arginine	200.00	200.00	200.00	200.00	200.00	200.00
L-Asparagine H <sub>2</sub> O	56.82	56.82	56.82	56.82	56.82	56.82
L-Aspartic Acid	20.00	20.00	20.00	20.00	20.00	20.00
L-Cystine	49.84	49.84	49.84	50.02	49.84	49.84
L-Glutamic Acid	20.00	20.00	20.00	20.00	20.00	20.00
L-Glutamine	300.00	300.00	300.00	300.00	300.00	-
Glycine	10.00	10.00	10.00	10.00	10.00	10.00
L-Histidine	15.00	15.00	15.00	15.00	15.00	15.00
L-Hydroxyproline	20.00	20.00	20.00	20.00	20.00	20.00
L-Isoleucine	50.00	50.00	50.00	50.00	50.00	50.00
L-Leucine	50.00	50.00	50.00	50.00	50.00	50.00
L-Lysine HCl	40.00	40.00	40.00	40.00	40.00	40.00
L-Methionine	15.00	15.00	15.00	15.00	15.00	15.00
L-Phenylalanine	15.00	15.00	15.00	15.00	15.00	15.00
L-Proline	20.00	20.00	20.00	20.00	20.00	20.00
L-Serine	30.00	30.00	30.00	30.00	30.00	30.00
L-Threonine	20.00	20.00	20.00	20.00	20.00	20.00
L-Tryptophan	5.00	5.00	5.00	5.00	5.00	5.00
L-Tyrosine	20.00	20.00	20.00	20.00	20.00	20.00
L-Valine	20.00	20.00	20.00	20.00	20.00	20.00
<b><i>Vitamins:</i></b>						
p -Aminobenzoic Acid	1.00	1.00	1.00	1.00	1.00	1.00
D-Biotin	0.20	0.20	0.20	0.20	0.20	0.20
D-1/2Ca Pantothenate	0.25	0.25	0.25	0.25	0.25	0.25
Choline Chloride	3.00	3.00	3.00	3.00	3.00	3.00
Folic Acid	1.00	1.00	1.00	1.00	1.00	1.00
i-Inositol	35.00	35.00	35.00	35.00	35.00	35.00
Niacinamide	1.00	1.00	1.00	1.00	1.00	1.00
Pyridoxine HCl	1.00	1.00	1.00	1.00	1.00	1.00
Riboflavin	0.20	0.20	0.20	0.20	0.20	0.20
Thiamine HCl	1.00	1.00	1.00	1.00	1.00	1.00
Vitamin B <sub>12</sub>	0.005	0.005	0.005	0.005	0.005	0.005
<b><i>Other components:</i></b>						
D-Glucose	2,000.00	-	2,000.00	4,500.00	2,000.00	2,000.00
Phenol Red	5.00	5.00	5.00	5.00	-	5.00
Sodium Pyruvate	-	-	-	110.00	-	-
Glutathione (reduced)	1.00	1.00	1.00	1.00	1.00	1.00
HEPES	-	-	5,958.00	2,383.00	-	-