

RPMI Medium 1640 - Liquid -	LIQUID			
	with 25 mM HEPES with L-Glutamine	with 25 mM HEPES without L-Glutamine	without L-Glutamine	with L-Glutamine
Catalog Nos.	9157	9159	9160	9161
Component	mg/L	mg/L	mg/L	mg/L
Sodium Chloride	5123	5123	6000	6000
Potassium Chloride	400	400	400	400
Glucose	2000	2000	2000	2000
L-Arginine HCl	242	242	242	242
L-Asparagine • H ₂ O	57	57	57	57
L-Aspartic Acid	20	20	20	20
L-Cystine 2HCl	65	65	65	65
L-Glutamic Acid	20	20	20	20
L-Glutamine	300	—	—	300
Glycine	10	10	10	10
L-Histidine HCl•H ₂ O	20	20	20	20
L-Hydroxyproline	20	20	20	20
L-Isoleucine	50	50	50	50
L-Leucine	50	50	50	50
L-Lysine HCl	40	40	40	40
L-Methionine	15	15	15	15
L-Phenylalanine	15	15	15	15
L-Proline	20	20	20	20
L-Serine	30	30	30	30
L-Threonine	20	20	20	20
L-Tryptophan	5	5	5	5
L-Tyrosine 2Na • 2H ₂ O	29	29	29	29
L-Valine	20	20	20	20
Inositol	35	35	35	35
Phenol Red, Na salt	5	5	5	5
p-Aminobenzoic Acid	1	1	1	1
Folic Acid	1	1	1	1
Nicotinic Acid Amide	1	1	1	1
Pyridoxine HCl	1	1	1	1
Riboflavin	0.2	0.2	0.2	0.2
Thiamine HCl	1	1	1	1
d-Biotin	0.2	0.2	0.2	0.2
Glutathione, reduced	1	1	1	1
Pantothenic Acid, Ca salt	0.25	0.25	0.25	0.25
Vitamin B-12	0.005	0.005	0.005	0.005
Calcium Nitrate Ca(NO ₃) ₂ • 4H ₂ O	100	100	100	100
Choline Chloride	3	3	3	3
Magnesium Sulfate, anhyd. MgSO ₄	48.84	48.84	48.84	48.84
Sodium Phosphate, dibasic Na ₂ HPO ₄	800.76	800.76	384.36	384.36
Sodium Phosphate, monobasic NaH ₂ PO ₄ • H ₂ O	—	—	404.72	404.72
Sodium Bicarbonate	2000	2000	2000	2000
HEPES, acid form	4468	4587.28	—	—
HEPES, 1 Na salt	1627	1496.73	—	—
Add: L-Glutamine (200 mM)	—	10.3 mL/L	10.3 mL/L	—