

## RPMI 1640 (powder) formulations

	RPMI 1640 Medium (Powder)	SPR-127-1L Powder mg/l	SPR-128-1L Powder mg/l	SPR-129-1L Powder mg/l	SPR-130-1L Powder mg/l	SPR-132-1L Powder mg/l	SPR-131-1L Powder mg/l
Amino acids	Glycine	10	10	10	10	10	10
	L-Alanyl-L-Glutamine (Glutamine Stable)	/	/	/	/	/	/
	L-Arginine Free Base	200	200	200	/	200	200
	L-Arginine Monohydrochloride	/	/	/	241,9	/	/
	L-Asparagine Anhydrous	50	50	50	50	50	50
	L-Aspartic Acid	20	20	20	20	20	20
	L-Cystine	/	/	/	50	/	/
	L-Cystine Dihydrochloride	65,2	65,2	65,2	/	65,2	65,2
	L-Glutamic Acid	20	20	20	20	20	20
	L-Glutamine	300	/	300	300	300	300
	L-Histidine	15	15	15	15	15	15
	L-Hydroxy-L-Proline	20	20	20	20	20	20
	L-Isoleucine	50	50	50	50	50	50
	L-Leucine	50	50	50	50	50	50
	L-Lysine Monhydrochloride	40	40	40	40	40	40
	L-Methionine	15	15	15	15	15	15
	L-Phenylalanine	15	15	15	15	15	15
	L-Proline	20	20	20	20	20	20
	L-Serine	30	30	30	30	30	30
	L-Threonine	20	20	20	20	20	20
L-Tryptophan	5	5	5	5	5	5	
L-Tyrosine	/	/	/	20	/	/	
L-Tyrosine Disodium Salt Dihydrate	28,83	28,83	28,83	/	28,83	28,83	
L-Valine	20	20	20	20	20	20	
Inorganic salts	Calcium Nitrate Tertahydrate	100	100	100	100	100	100
	Magnesium Sulfate Anhydrous	48,84	48,84	48,84	/	48,84	48,84
	Magnesium Sulfate Heptahydrate	/	/	/	100	/	/
	Potassium Chloride	400	400	400	400	400	400
	Sodium Bicarbonate	/	/	/	/	/	/
	Sodium Chloride	6000	6000	6000	5500	6000	6000
	Sodium Phosphate Dibasic Anhydrous	800	800	800	800	800	800
Vitamins	Choline Chloride	3	3	3	3	3	3
	D-Biotin	0,2	0,2	0,2	0,2	0,2	0,2
	D-Ca Pantothenate	0,25	0,25	0,25	0,24	0,25	0,25
	Folic Acid	1	1	1	1	1	1
	Myo-Inositol	35	35	35	35	35	35
	Nicotinamide	1	1	1	1	1	1
	P-Aminobenzoic Acid (PABA)	1	1	1	1	1	1
	Pyridoxine Hydrochloride	1	1	1	1	1	1
	Riboflavin	0,2	0,2	0,2	0,2	0,2	0,2
	Thiamine Hydrochloride	1	1	1	1	1	1
Vitamin B12	0,005	0,005	0,005	0,005	0,005	0,005	
O.C.*	D-Glucose Anhydrous	2000	2000	2000	2000	/	2000
	Hepes Free Acid	/	/	/	5958	/	/
	L-Glutathione Reduced	1	1	1	1	1	1
	Phenol Red Sodium Salt	5,3	5,3	/	/	5,3	/

\* Other components