

Composition

P04-20050

IMDM

w/o: L-Glutamine

w: 25 mM HEPES

w: 3.024 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Calcium chloride anhydrous	165.00
	Potassium chloride	330.00
	Potassium nitrate	0.076
	Magnesium sulfate anhydrous	97.66
	Sodium chloride	4,505.00
	Sodium dihydrogen phosphate x H ₂ O	125.00
	Sodium selenite x 5H ₂ O	0.01
Other Components	D(+)-Glucose anhydrous	4,500.00
	HEPES	5,958.00
	Sodium pyruvate	110.00
	Phenol red	15.00
Amino Acids	L-Alanine	25.00
	L-Arginine x HCl	84.00
	L-Asparagine x H ₂ O	28.40
	L-Aspartic acid	30.00
	L-Cystine x 2HCl	91.24
	L-Glutamine	0.00
	L-Glutamic acid	75.00
	Glycine	30.00
	L-Histidine x HCl x H ₂ O	42.00
	L-Isoleucine	105.00

	L-Leucine	105.00
	L-Lysine x HCl	146.00
	L-Methionine	30.00
	L-Phenylalanine	66.00
	L-Proline	40.00
	L-Serine	42.00
	L-Threonine	95.00
	L-Tryptophan	16.00
	L-Tyrosine x 2Na x 2H ₂ O	104,20
	L-Valine	94.00
Vitamins	D(+)-Biotin	0.013
	D-Calcium pantothenate	4.00
	Choline chloride	4.00
	Folic acid	4.00
	myo-Inositol	7.20
	Nicotinamide	4.00
	Pyridoxine x HCl	4.00
	Riboflavin	0.04
	Thiamine x HCl	4.00
	Vitamin B12	0.013
	NaHCO ₃	3,024.00