

## Composition

**P04-20450**      **IMDM**  
**w: stab. Glutamine**  
**w: 25 mM HEPES**  
**w: 3.024 g/L NaHCO<sub>3</sub>**

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H <sub>2</sub> O	219.00
	Potassium chloride	330.00
	Potassium nitrate	0.076
	Magnesium sulfate anhydrous	97.73
	Sodium chloride	4,505.00
	Sodium dihydrogen phosphate anhydrous	109.00
	Sodium selenite	0.02
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 <sub>2</sub> O	25.00
	L-Aspartic acid	30.00
	L-Cystine x 2HCl	91.24
	L-Glutamine stable	870.16
	L-Glutamic acid	75.00
	Glycine	30.00
	L-Histidine x HCl x H <sub>2</sub> O	42.00
	L-Isoleucine	104.80

	L-Leucine	104.80
	L-Lysine x HCl	146.20
	L-Methionine	30.00
	L-Phenylalanine	66.00
	L-Proline	40.00
	L-Serine	42.00
	L-Threonine	95.20
	L-Tryptophan	16.00
	L-Tyrosine x 2Na	104.20
	L-Valine	93.60
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	0.40
	Thiamine x HCl	4.00
	Vitamin B12	0.013
	NaHCO <sub>3</sub>	3,024.00