

## Composition

**P04-21500      Alpha MEM Eagle**  
**w: L-Glutamine**  
**w: Ribonucleosides**  
**w: Deoxyribonucleosides**  
**w: 2.2 g/L NaHCO<sub>3</sub>**

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H <sub>2</sub> O	264.92
	Magnesium sulfate anhydrous	97.67
	Potassium chloride	400.00
	Sodium chloride	6,800.00
	Sodium dihydrogen phosphate x H <sub>2</sub> O	140.00
Other Components	D(+)-Glucose anhydrous	1,000.00
	Lipoic acid	0.20
	Sodium pyruvate	110.00
	Phenol red	10.00
Amino acids	L-Alanine	25.00
	L-Arginine x HCl	126,64
	L-Asparagine x H <sub>2</sub> O	50.00
	L-Aspartic acid	30.00
	L-Cysteine x HCl x H <sub>2</sub> O	100.00
	L-Cystine	24.00
	L-Glutamine	292.00
	L-Glutamic acid	75.00
	Glycine	50.00
	L-Histidine x HCl x H <sub>2</sub> O	42.00
	L-Isoleucine	52.40

	L-Leucine	52.40
	L-Lysine x HCl	72.47
	L-Methionine	15.00
	L-Phenylalanine	32.00
	L-Proline	40.00
	L-Serine	25.00
	L-Threonine	48.00
	L-Tryptophan	10.00
	L-Tyrosine	36.20
	L-Valine	46.00
Vitamins	L-Ascorbic acid	50.00
	D(+)-Biotin	0.10
	D-Calcium pantothenate	1.00
	Choline chloride	1.00
	Folic acid	1.00
	myo-Inositol	2.00
	Nicotinamide	1.00
	Pyridoxal x HCl	1.00
	Riboflavin	0.10
	Thiamine x HCl	1.00
	Vitamine B12	1.33
Ribonucleosides	Adenosine	10.00
	Cytidine	10.00
	Guanosine	10.00
	Uridine	10.00
Deoxyribonucleo- sides	2'-Deoxyadenosine x H <sub>2</sub> O	10.00
	2'-Deoxycytidine x HCl	11.00
	2'-Deoxyguanosine	10.00
	2'-Deoxythymidine	10.00
	NaHCO <sub>3</sub>	2,200.00