

Composition

P04-07253 **M199 with EBSS (2x)**
w: L-Glutamine
w/o: Phenol red
w: 2.5 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H ₂ O	400.00
	Iron (III) nitrate x 9H ₂ O	1.40
	Magnesium sulfate	195.34
	Potassium chloride	800.00
	Sodium acetat x 3H ₂ O	100.00
	Sodium chloride	13,600.00
	Sodium dihydrogen phosphate	316.00
Other Components	Adenine sulfate	20.00
	AMP	0.40
	ATP	2.00
	Cholesterol	0.40
	2'-Deoxyribose	1.00
	D(+)-Glucose anhydrous	2,000.00
	Glutathione (red.)	0.10
	Guanine x HCl	0.60
	Hypoxanthine	0.80
	Phenol red	0.00
	D-Ribose	1.00
	Thymine	0.60
	Tween 80	40.0
	Uracil	0.60
	Xanthine	0.68
Amino Acids	L-Alanine	50.00
	L-Arginine x HCl	140.00
	L-Aspartic acid	60.00
	L-Cysteine x HCl x H ₂ O	0.20
	L-Cystine x 2HCl	52.00

	L-Glutamic acid	150.00
	L-Glutamine	200.00
	Glycine	100.00
	L-Histidine x HCl x H ₂ O	53.76
	L-Hydroxyproline	20.00
	L-Isoleucine	80.00
	L-Leucine	120.00
	L-Lysine x HCl	140.00
	L-Methionine	30.00
	L-Phenylalanine	50.00
	L-Proline	80.00
	L-Serine	50.00
	L-Threonine	60.00
	L-Tryptophan	20.00
	L-Tyrosine disodium salt 2H ₂ O	116.00
	L-Valine	50.00
Vitamins	4-Amino benzoic acid	0.10
	Ascorbic acid	0.10
	D(+)-Biotin	0.02
	Calciferol	0.20
	D-Calcium pantothenate	0.02
	Choline chloride	1.00
	Folic acid	0.02
	myo-Inositol	0.10
	Menadione	0.02
	Nicotinic acid	0.05
	Nicotinamide	0.05
	Pyridoxal x HCl	0.05
	Pyridoxol x HCl	0.05
	Riboflavin	0.02
	Thiamine x HCl	0.02
	Vitamine A acetate	0.20
	NaHCO ₃	2,500.00