

Composition

P04-80053

MCDB 131

w: L-Glutamine

w: 1.176 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Ammonium Metavandate	0.0006
	Calcium chloride x 2H ₂ O	235.05
	Copper (II) sulfate x 5H ₂ O	0.0012
	Iron (III) sulfate x 7H ₂ O	0.283
	Magnesium sulfate	1,204.00
	Manganese chloride x 4H ₂ O	0.0002
	Ammonium Molybdate x 4H ₂ O	0.0037
	Nickel chloride x 6H ₂ O	0.0007
	Potassium chloride	298.00
	Sodium chloride	6,430.00
	Sodium Metasilicate	1.108
	Di-Sodium hydrogen phosphate	71.00
	Sodium Selenite anhydrous	0.0052
	Zinc Sulfate x 7H ₂ O	0.0003
Other Components	Adenine	0.135
	D-Glucose	1,000.00
	DL- α -Lipoic acid	0.0021
	Phenol red	10.00
	Putrescine x 2HCl	0.002
	Sodium pyruvate	110.00
	2'Deoxythymidine	0.024
Amino Acids	L-Alanine	2.70

	L-Arginine x HCl	63.20
	L-Asparagine x H ₂ O	15.00
	L-Aspartic acid	13.30
	L-Cysteine x HCl x H ₂ O	35.00
	L-Glutamine	1,461.00
	L-Glutamic acid	4.00
	Glycine	2.30
	L-Histidine x HCl x H ₂ O	42.00
	L-Isoleucine	66.00
	L-Leucine	131.00
	L-Lysine x HCl	182.00
	L-Methionine	15.00
	L-Phenylalanine	33.00
	L-Proline	11.50
	L-Serine	32.00
	L-Threonine	12.00
	L-Tryptophan	4.10
	L-Tyrosine	18.10
	L-Valine	117.10
Vitamins	D(+)-Biotin	0.0073
	Choline chloride	13.96
	D-Calcium pantothenate	12.00
	Folic acid	0.60
	myo-Inositol	7.20
	Nicotinamide	6.10
	Pyridoxine x HCl	2.10
	Riboflavin	0.0038
	Thiamine x HCl	3.40
	Vitamine B12	0.0138
	NaHCO ₃	1,176.00