

## Composition

**P04-85600      IPL-41-Medium**  
**w: L-Glutamine**  
**w: 0.35 g/L NaHCO<sub>3</sub>**

	Components	mg/L
Inorganic Salts	Ammonium heptamolybdate x 4H <sub>2</sub> O	0.04
	Calcium chloride x 2H <sub>2</sub> O	662.31
	Cobalt(II) chloride x 6H <sub>2</sub> O	0.05
	Copper chloride x 2H <sub>2</sub> O	0.20
	Iron (II) sulfate x 7H <sub>2</sub> O	0.55
	Magnesium sulfate dried	1,311.40
	Manganese chloride x 4H <sub>2</sub> O	0.02
	Potassium chloride	1,200.00
	Sodium chloride	2,850.00
	Sodium dihydrogen phosphate x H <sub>2</sub> O	1,160.00
	Zinc chloride	0.04
Other Components	Fumaric acid	4.40
	D(+)-Glucose anhydrous	2,500.00
	α-Ketoglutaric acid sodium salt	34.05
	DL-Malic acid	53.60
	D-Maltose x H <sub>2</sub> O	1,052.58
	Succinic acid	4.80
	Sucrose	1,650.00
Amino Acids	β-Alanine	300.00
	L-Arginine x HCl	800.00
	L-Aspartic acid	1,300.00
	L-Asparagine x H <sub>2</sub> O	1,477.14

	L-Cystine	100.00
	L-Glutamine	1,000.00
	L-Glutamic acid	1,500.00
	Glycine	200.00
	L-Histidine base	200.00
	L-Hydroxyproline	800.00
	L-Isoleucine	750.00
	L-Leucine	250.00
	L-Lysine x HCl	700.00
	L-Methionine	1,000.00
	L-Phenylalanine	1,000.00
	L-Proline	500.00
	L-Serine	200.00
	L-Threonine	200.00
	L-Tryptophan	100.00
	L-Tyrosine	250.02
	L-Valine	500.00
Vitamins	p-Aminobenzoic acid	0.32
	D(+)-Biotin	0.16
	D-Calcium pantothenate	0.008
	Choline chloride	20.00
	Folic acid	0.08
	myo-Inositol	0.40
	Nicotinic acid	0.16
	Nicotinamide	0.16
	Pyridoxine x HCl	0.40
	Riboflavin	0.08
	Thiamine x HCl	0.08
	Vitamin B12	0.24
	NaHCO <sub>3</sub>	350.00