

■ Formulations

LEIBOVITZ' L-15 MEDIUM

COMPONENTS	Cat.# 112-029 mg/L	COMPONENTS	Cat.# 112-029 mg/L
Inorganic Salts		Amino Acids (continued)	
CaCl ₂ •2H ₂ O	185.45	DL-Isoleucine	250.00
KCl	400.00	L-Leucine	125.00
KH ₂ PO ₄	60.00	L-Lysine	75.00
MgCl ₂ (anhydrous)	93.65	DL-Methionine	150.00
MgSO ₄ (anhydrous)	97.67	DL-Phenylalanine	250.00
NaCl	8000.00	L-Serine	200.00
Na ₂ HPO ₄ (anhydrous)	190.00	DL-Threonine	600.00
Other Components		L-Tryptophan	20.00
D-(+) Galactose	900.00	L-Tyrosine	300.00
Phenol red•Na	10.20	DL-Valine	200.00
Sodium pyruvate	550.00	Vitamins	
Amino Acids		DL-Ca pantothenate	1.00
DL-α-Alanine	450.00	Choline chloride	1.00
L-Arginine	500.00	Folic acid	1.00
L-Asparagine	250.00	i-Inositol	2.00
L-Cysteine	120.00	Nicotinamide	1.00
L-Glutamine	300.00*	Pyridoxine•HCl	1.00
Glycine	200.00	Riboflavin 5-phosphate•Na•2H ₂ O	0.103
L-Histidine	250.00	Thiamine•PO ₄ •2H ₂ O	1.00

Omitted from preparation. Add L-glutamine (Cat.# 118-084-060) to a final concentration of 2.1mM prior to use.

References: Leibovitz, A., (1963) *Amer. J. Hyg.*, **78**:173-180
 Leibovitz, A., (1986) *Cancer Genet. Cytogenet.*, **19**:11-19
 Morton, H.J., (1970) *In Vitro*, **6**:89-108