

## Leibovitz's L-15 Medium Ingredient Formula

Ingredient (mg/L) / Cat. No.	PM151010	PM151010A	PM151011	PM151012	PM151013
<b>Inorganic Salt</b>					
CaCl <sub>2</sub> (Anhydrous)	140	140	140	140	140
MgCl <sub>2</sub> (Anhydrous)	93.7	93.7	93.7	93.7	93.7
MgSO <sub>4</sub> (Anhydrous)	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400
KH <sub>2</sub> PO <sub>4</sub>	60	60	60	60	60
NaCl	8000	8000	8000	8000	8000
Na <sub>2</sub> HPO <sub>4</sub> (Anhydrous)	190	190	190	190	190
<b>Amino Acid</b>					
L-Alanyl-L-Glutamine	–	–	–	446	–
Glycine	200	200	200	200	200
L-Alanine	225	225	225	225	225
L-Arginine	500	500	500	500	500
L-Asparagine	250	250	250	250	250
L-Cysteine	120	120	120	120	120
L-Glutamine	300	300	–	–	300
L-Histidine	250	250	250	250	250
L-Isoleucine	250	250	250	250	250
L-Leucine	125	125	125	125	125
L-Lysine Hydrochloride	93.7	93.7	93.7	93.7	93.7
L-Methionine	75	75	75	75	75
L-Phenylalanine	125	125	125	125	125
L-Serine	200	200	200	200	200
L-Threonine	300	300	300	300	300
L-Tryptophan	20	20	20	20	20
L-Tyrosine disodium salt	300	300	300	300	300
L-Valine	100	100	100	100	100
<b>Vitamin</b>					
Choline Chloride	1	1	1	1	1
D-Calcium Pantothenate	1	1	1	1	1
Folic Acid	1	1	1	1	1
Niacinamide	1	1	1	1	1
Pyridoxine Hydrochloride	1	1	1	1	1
Riboflavin-5-sodium Phosphate Salt	0.1	0.1	0.1	0.1	0.1
Thiamine Hydrochloride	1	1	1	1	1
Meso-inositol	2	2	2	2	2
<b>Others</b>					
D-Galactose	900	900	900	900	900
Sodium Pyruvate	550	550	550	550	550
Phenol Red	10	10	10	10	–
Penicillin G Sodium Salt	–	100kU	–	–	–
Streptomycin Sulfate	–	100	–	–	–