



Composition of EpiLife Medium  
Catalog # M-EPIcf-500 and M-EPI-500-CA

<b><u>Component</u></b>	<b><u>F.W.</u></b>	<b><u>Component</u></b>	<b><u>F.W.</u></b>
L-Alanine	89.1	Adenine.HCl	171.6
L-Arginine.HCl	210.7	Choline Chloride	139.6
L-Asparagine.H <sub>2</sub> O	150.1	D-Glucose	180.2
L-Aspartic Acid	133.1	myo-Inositol	180.2
L-Cysteine	121.2	Putrescine.2HCl	161.1
L-Glutamic Acid	147.1	Sodium Pyruvate	110.1
L-Glutamine	146.2	Thymidine	242.2
Glycine	75.1	CaCl <sub>2</sub> .2H <sub>2</sub> O (separate aliquot)	147.0
L-Histidine.HCl.H <sub>2</sub> O	209.6	KCl	74.6
L-Isoleucine	131.2	MgCl <sub>2</sub> .6H <sub>2</sub> O	203.3
L-Leucine	131.2	NaCl	58.5
L-Lysine.HCl	182.7	Na <sub>2</sub> HPO <sub>4</sub> .7H <sub>2</sub> O	268.1
L-Methionine	149.2	CuSO <sub>4</sub> .5H <sub>2</sub> O	249.7
L-Phenylalanine	165.2	FeSO <sub>4</sub> .7H <sub>2</sub> O	278.1
L-Proline	115.1	Na <sub>2</sub> SeO <sub>3</sub>	172.9
L-Serine	105.1	MnSO <sub>4</sub> .H <sub>2</sub> O	169.0
L-Threonine	119.1	Na <sub>2</sub> SiO <sub>3</sub> .9H <sub>2</sub> O	284.2
L-Tryptophan	204.2	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> .4H <sub>2</sub> O	1235.9
L-Tyrosine	181.2	NH <sub>4</sub> VO <sub>3</sub>	117.0
L-Valine	117.2	NiCl <sub>2</sub> .6H <sub>2</sub> O	237.7
d-Biotin	244.3	SnCl <sub>2</sub> .2H <sub>2</sub> O	225.6
Folic Acid	441.4	ZnSO <sub>4</sub> .7H <sub>2</sub> O	287.5
DL- $\alpha$ -Lipoic Acid	206.3	HEPES	238.3
Niacinamide	122.1	NaHCO <sub>3</sub>	84.0
D-Pantothenic Acid	238.3	Phenol Red (Na salt)	376.4
Pyridoxine.HCl	205.6	Ethanolamine	61.1
Riboflavin	376.4	O-Phosphorylethanolamine	141.1
Thiamine.HCl	337.3		
Vitamin B12	1355.4		