

### BME Medium Ingredient Formula

Ingredient	Concentration (mg/L)
<b>Inorganic Salt</b>	
CaCl <sub>2</sub> (Anhydrous)	200
MgSO <sub>4</sub> (Anhydrous)	97.67
KCl	400
NaHCO <sub>3</sub>	2200
NaCl	6800
Na <sub>2</sub> HPO <sub>4</sub> (Anhydrous)	122
<b>Amino Acid</b>	
L-Arginine Hydrochloride	21
L-Cystine Dihydrochloride	15.65
L-Glutamine	–
L-Histidine	8
L-Isoleucine	26
L-Leucine	26
L-Lysine Hydrochloride	36.47
L-Methionine	7.5
L-Phenylalanine	16.5
L-Threonine	24
L-Tryptophan	4
L-Tyrosine Disodium Salt Dihydrate	25.95
L-Valine	23.5
<b>Vitamin</b>	
Biotin	1
Choline Chloride	1
D-Calcium Pantothenate	1
Folic Acid	1
Niacinamide	1
Pyridoxal Hydrochloride	1
Riboflavin	0.1
Thiamine Hydrochlorid	1
Meso-inositol	2
<b>Others</b>	
D-Glucose	1000
Phenol Red	10