

BME Medium Ingredient Formula

Ingredient	Concentration (mg/L)
Inorganic Salt	
CaCl ₂ (Anhydrous)	200
MgSO ₄ (Anhydrous)	97.67
KCl	400
NaHCO ₃	2200
NaCl	6800
Na ₂ HPO ₄ (Anhydrous)	122
Amino Acid	
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
Vitamin	
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
Others	
D-Glucose	1000
Phenol Red	10