

**Waymouth's MB 752/1 Medium Ingredient Formula**

<b>Ingredient</b>	<b>Concentration (mg/L)</b>
<b>Inorganic Salt</b>	
CaCl <sub>2</sub> (Anhydrous)	90.6
MgCl <sub>2</sub> (Anhydrous)	112.39
MgSO <sub>4</sub> (Anhydrous)	97.67
KCl	150
KH <sub>2</sub> PO <sub>4</sub>	80
NaHCO <sub>3</sub>	2240
NaCl	6000
Na <sub>2</sub> HPO <sub>4</sub> (Anhydrous)	300
<b>Amino Acid</b>	
Glycine	50
L-Arginine Hydrochloride	75
L-Aspartic Acid	60
L-Cysteine Hydrochloride-H <sub>2</sub> O	100.29
L-Cystine Dihydrochloride	19.55
L-Glutamic Acid	150
L-Glutamine	350
L-Histidine Hydrochloride-H <sub>2</sub> O	164.1
L-Isoleucine	25
L-Leucine	50
L-Lysine Hydrochloride	240
L-Methionine	50
L-Phenylalanine	50
L-Proline	50
L-Threonine	75
L-Tryptophan	40
L-Tyrosine Disodium Salt Dihydrate	57.7
L-Valine	65
<b>Vitamin</b>	
L-Ascorbic Acid	17.5
Biotin	0.02
Choline Chloride	250
D-Calcium Pantothenate	1
Folic Acid	0.5
Niacinamide	1
Pyridoxine Hydrochloride	1
Riboflavin	1
Thiamine Hydrochlorid	10
Vitamin B12	0.2
Meso-inositol	1
<b>Others</b>	
D-Glucose	5000
Glutathione (Reduced)	15
Hypoxanthine	25
Phenol Red	10