

William's E Medium Ingredient Formula_Table

Ingredient(mg/L) / Cat. No.	PM151211	PM151212	PM151213	PM151221
Inorganic Salt				
CaCl2 (Anhydrous)	200	200	200	200
CuSO4•5H2O	0.0001	0.0001	0.0001	0.0001
Fe(NO3)3•9H2O	0.0001	0.0001	0.0001	0.0001
MgSO4 (Anhydrous)	97.67	97.67	97.67	97.67
MnCl2•4H2O	0.0001	0.0001	0.0001	0.0001
KCl	400	400	400	400
NaHCO3	2200	2200	2200	2200
NaCl	6800	6800	6800	6800
NaH2PO4 (Anhydrous)	140	140	140	140
ZnSO4•7H2O	0.0002	0.0002	0.0002	0.0002
Amino Acid				
L-Alanyl-L-Glutamine	-	-	434	-
Glycine	50	50	50	50
L-Alanine	90	90	90	90
L-Arginine	50	50	50	50
L-Asparagine-H2O	20	20	20	20
L-Aspartic Acid	30	30	30	30
L-Cysteine	40	40	40	40
L-Cystine Dihydrochloride	26.07	26.07	26.07	26.07
L-Glutamic Acid	50	50	50	50
L-Glutamine	-	-	-	292
L-Histidine	15	15	15	15
L-Isoleucine	50	50	50	50
L-Leucine	75	75	75	75
L-Lysine Hydrochloride	87.46	87.46	87.46	87.46
L-Methionine	15	15	15	15
L-Phenylalanine	25	25	25	25
L-Proline	30	30	30	30
L-Serine	10	10	10	10
L-Threonine	40	40	40	40
L-Tryptophan	10	10	10	10
L-Tyrosine Disodium Salt Dihydrate	50.65	50.65	50.65	50.65
L-Valine	50	50	50	50
Vitamin				
L-Ascorbic Acid	2	2	2	2
Biotin	0.5	0.5	0.5	0.5
Choline Chloride	1.5	1.5	1.5	1.5
D-Calcium Pantothenate	1	1	1	1
Calciferol	0.1	0.1	0.1	0.1
Folic Acid	1	1	1	1
Menadione Sodium Bisulfite	0.01	0.01	0.01	0.01
Niacinamide	1	1	1	1
Pyridoxal Hydrochloride	1	1	1	1
Riboflavin	0.1	0.1	0.1	0.1
Thiamine Hydrochlorid	1	1	1	1
Vitamin A Acetate	0.1	0.1	0.1	0.1
Vitamin B12	0.2	0.2	0.2	0.2
α-Tocopherol Sodium Phosphate	0.01	0.01	0.01	0.01
Meso-inositol	2	2	2	2
Others				
D-Glucose	2000	2000	2000	2000
Glutathione (Reduced)	0.05	0.05	0.05	0.05
Methyl Linoleate	0.03	0.03	0.03	0.03
Sodium Pyruvate	25	25	25	25
Phenol Red	10	-	10	10