



Media Formulation

DMEM, high glucose, L-Arginine-free

Cat. No. CC927-0500

Inorganic Salts (g/liter)	Concentration (g/L)	Vitamins (g/liter)	Concentration (g/L)
Calcium Chloride (CaCl ₂) (anhyd.)	0.2	Choline chloride	0.004
Ferric Nitrate (Fe(NO ₃) ₃ ·9H ₂ O)	0.0001	D-Calcium pantothenate	0.004
Magnesium Sulfate (MgSO ₄) (anhyd.)	0.09767	Folic Acid	0.004
Potassium Chloride (KCl)	0.4	Niacinamide	0.004
Sodium Bicarbonate (NaHCO ₃)	3.7	Pyridoxine hydrochloride	0.004
Sodium Chloride (NaCl)	6.4	Riboflavin	0.0004
Sodium Phosphate monobasic (NaH ₂ PO ₄ ·H ₂ O)	0.125	Thiamine hydrochloride	0.004
		i-Inositol	0.0072

Amino Acids (g/liter)	Concentration (g/L)	Other (g/liter)	Concentration (g/L)
Glycine	0.03	D-Glucose (Dextrose)	4.5
L-Cystine 2HCl	0.063	Phenol Red	0.015
L-Glutamine	0.584		
L-Histidine hydrochloride-H ₂ O	0.042		
L-Isoleucine	0.105		
L-Leucine	0.105		
L-Lysine hydrochloride	0.146		
L-Methionine	0.03		
L-Phenylalanine	0.066		
L-Serine	0.042		
L-Threonine	0.095		
L-Tryptophan	0.016		
L-Tyrosine disodium salt dihydrate	0.104		
L-Valine	0.094		