

Glasgow's Minimum Essential Medium

Product Number GMP02-100LT

Glasgow's MEM with 2.95 g/L Tryptose Phosphate Broth.

Without sodium bicarbonate. Store at 2° to 8°C.

Phenol Red, Sodium Salt (C ₁₉ H ₁₃ NaO ₅ S)	15.0000
Potassium Chloride (KCl)	400.0000
Pyridoxal, Hydrochloride (C ₈ H ₉ NO ₃ · HCl)	2.0000
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.2000
Sodium Chloride (NaCl)	6900.0000
Sodium Phosphate Dibasic, Anhydrous (Na ₂ HPO ₄)	250.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	125.3600
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl)	2.0000

Components	mg/L
Calcium Chloride, Anhydrous (CaCl ₂)	200.0000
Casein Digest Peptone (Tryptone)	2000.0000
Choline Chloride (C ₅ H ₁₄ ONCl)	2.0000
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	2.0000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	4700.0000
Ferric Nitrate, Nonahydrate (Fe(NO ₃) ₃ ·9H ₂ O)	0.1000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	2.0000
L-Arginine, Hydrochloride (C ₆ H ₁₄ N ₄ O ₂ · HCl)	42.0000
L-Cystine, Dihydrochloride (C ₆ H ₁₂ N ₂ O ₄ S ₂ · 2HCl)	31.0000
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	292.0000
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ · HCl · H ₂ O)	21.0000
L-Isoleucine (C ₆ H ₁₃ NO ₂)	52.0000
L-Leucine (C ₆ H ₁₃ NO ₂)	52.0000
L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ · HCl)	73.0000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	15.0000
L-Phenylalanine (C ₉ H ₁₁ NO ₂)	33.0000
L-Threonine (C ₄ H ₉ NO ₃)	47.6000
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	8.0000
L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ ·2H ₂ O)	52.0000
L-Valine (C ₅ H ₁₁ NO ₂)	46.8000
Magnesium Sulfate, Anhydrous (MgSO ₄)	97.7200
Myo-Inositol (C ₆ H ₁₂ O ₆)	3.6000
Niacinamide (C ₆ H ₆ N ₂ O)	2.0000