

MEM Eagle w/ Earle's BSS 2X
w/o L-Glutamine
or Phenol Red
(Virus Plaquing Medium)

12-668

Lonza

Description	CAS #	Chemical Formula	Concentration		Molarity	
			g/L	mg/L	mM	uM
Calcium Chloride Anhydrous	10043-52-4	CaCl ₂	0.400	400.000	3.604	3.604E+03
Dextrose	50-99-7	C ₆ H ₁₂ O ₆	2.000	2.000E+03	11.101	1.110E+04
Magnesium Sulfate Anhydrous	7487-88-9	MgSO ₄	0.195	195.340	1.623	1.623E+03
Potassium Chloride	7447-40-7	KCl	0.800	800.000	10.731	1.073E+04
Sodium Bicarbonate	144-55-8	NaHCO ₃	4.400	4.400E+03	52.375	5.237E+04
Sodium Chloride	7647-14-5	NaCl	13.600	1.360E+04	232.717	2.327E+05
L-Arginine Monohydrochloride	1119-34-2	C ₆ H ₁₄ N ₄ O ₂ • HCl	0.254	253.960	1.206	1.206E+03
L-Histidine Monohydrochloride Monohydrate	5934-29-2	C ₆ H ₉ N ₃ O ₂ • HCl • H ₂ O	8.400E-02	84.000	0.401	400.763
L-Isoleucine	73-32-5	HO ₂ CCH(NH ₂)CH(CH ₃)CH ₂ CH ₃	0.104	104.000	0.793	792.864
L-Leucine	61-90-5	HO ₂ CCH(NH ₂)CH ₂ CH(CH ₃) ₂	0.104	104.000	0.793	792.864
L-Lysine Monohydrochloride	657-27-2	C ₆ H ₁₄ N ₂ O ₂ • HCl	0.145	144.920	0.793	793.430
L-Methionine	63-68-3	HO ₂ CCH(NH ₂)CH ₂ CH ₂ SCH ₃	3.000E-02	30.000	0.201	201.072
L-Phenylalanine	63-91-2	HO ₂ CCH(NH ₂)CH ₂ C ₆ H ₅	6.400E-02	64.000	0.387	387.433
L-Threonine	72-19-5	HO ₂ CCH(NH ₂)CH(OH)CH ₃	9.600E-02	96.000	0.806	805.910
L-Tryptophan	73-22-3	C ₁₁ H ₁₂ N ₂ O ₂	2.000E-02	20.000	9.793E-02	97.929
L-Valine	72-18-4	HO ₂ CCH(NH ₂)CH(CH ₃) ₂	9.200E-02	92.000	0.786	785.653
D-Calcium Pantothenate (Vitamin B5)	137-08-6	C ₁₈ H ₃₂ CaN ₂ O ₁₀	2.000E-03	2.000	4.197E-03	4.197
Choline Chloride	67-48-1	HOCH ₂ CH ₂ N(CH ₃) ₃ Cl	2.000E-03	2.000	1.432E-02	14.324
Folic Acid	59-30-3	C ₁₉ H ₁₉ N ₇ O ₆	2.000E-03	2.000	4.531E-03	4.531
D-Inositol	87-89-8	C ₆ H ₁₂ O ₆	4.000E-03	4.000	2.220E-02	22.198
Niacinamide (Nicotinamide)	98-92-0	C ₆ H ₆ N ₂ O	2.000E-03	2.000	1.638E-02	16.379
Pyridoxine Monohydrochloride	58-56-0	C ₈ H ₁₁ NO ₃	2.000E-03	2.000	9.728E-03	9.728
Riboflavin (Vitamin B2)	83-88-5	C ₁₇ H ₂₀ N ₄ O ₆	2.000E-04	0.200	5.314E-04	0.531
Thiamine Monohydrochloride (Vitamin B1)	67-03-8	C ₁₂ H ₁₈ N ₄ O ₄ SCl ₂	2.000E-03	2.000	5.929E-03	5.929
L-Tyrosine Disodium Salt, Dihydrate	122666-78-9	C ₉ H ₉ NO ₃ Na ₂ • 2H ₂ O	0.104	103.800	0.397	397.412
L-Cystine Dihydrochloride	30925-07-6	C ₆ H ₁₂ N ₂ O ₄ S ₂ •2HCl	6.258E-02	62.580	0.200	199.808
Sodium Phosphate Monobasic, Anhydrous	7558-80-7	NaH ₂ PO ₄	0.243	243.480	2.029	2.029E+03