



Formulation for Hybri-Care Medium ATCC® 46-X

Amino Acids	g/liter	Vitamins	g/liter
L-Alanine	0.01048	Vitamin A Alcohol	0.0000218
Glycine	0.0338	Vitamin D-2	0.0000218
L-Arginine·HCl	0.07579	Menadione	0.0000218
L-Asparagine·H ₂ O	0.01229	Para Amino Benzoic Acid	0.0000109
L-Aspartic Acid	0.01243	Ascorbic Acid	0.00435
L-Cystine·2HCl	0.05563	Vitamin B-12	0.00087
L-Glutamic Acid	0.01351	Biotin	0.00000218
L-Glutamine	0.77393	Choline Chloride	0.0035888
L-Histidine·HCl·H ₂ O	0.03886	Folic Acid	0.0034822
L-Isoleucine	0.09292	i-Inositol	0.00627488
L-Leucine	0.09313	Nicotinic Acid	0.00000548
L-Lysine·HCl	0.13036	Niacinamide	0.00348548
L-Methionine	0.02649	D-Calcium Pantothenate	0.0034822
L-Ornithine·HCl	0.000819	Pyridoxal·HCl	0.00348548
L-Phenylalanine	0.05886	Pyridoxine·HCl	0.00000548
L-Proline	0.01054	Riboflavin	0.0003502
L-Hydroxy Proline	0.000356	Thiamine·HCl	0.00000218
L-Serine	0.04661	Alpha Tocopherol Phosphate	0.00000218
L-Threonine	0.0843		
L-Tryptophan	0.01544	Other	
L-Valine	0.08396	Insulin Zinc Bovine	0.00696
L-Tyrosine Disodium Salt	0.09236	D-Glucuronolactone	0.0001566
		5-Methylcytosine	0.0000087
Inorganic Salts		Oxalacetic Acid	0.11484
Sodium Glucuronate·H ₂ O	0.0001566	Phenol Red	0.01479
Sodium Pyruvate	0.05742	HEPES	2.07321
Ferric Nitrate·9H ₂ O	0.000087	NAD DPN	0.000609
Magnesium Sulfate Anhyd	0.09347	FAD Disodium Dihydrate	0.000087
Potassium Chloride	0.3828	NADP TPN 0.000087	
Sodium Acetate·3H ₂ O	0.00435	Uridine-5-Triphosphate	0.000087
Sodium Chloride	6.1596	2-Deoxycytidine·HCl	0.00087
Sodium Phosphate Monobasic·H ₂ O	0.12093	2-Deoxyguanosine	0.00087
Calcium Chloride Anhyd	0.1914	2-Deoxyadenosine	0.00087
		Thymidine	0.00087
		Glutathione Reduced	0.00087
		Taurine	0.000364
		D-Glucose (Dextrose)	0.957
		Coccarboxylase	0.000087
		Tween 80™	0.0010875
		Coenzyme A	0.0002175