



Formulation for Hybri-Care Medium ATCC® 46-X

Amino Acids

	g/liter
L-Alanine	0.01048
Glycine	0.0338
L-Arginine·HCl	0.07579
L-Asparagine·H ₂ O	0.01229
L-Aspartic Acid	0.01243
L-Cystine·2HCl	0.05563
L-Glutamic Acid	0.01351
L-Glutamine	0.77393
L-Histidine·HCl·H ₂ O	0.03886
L-Isoleucine	0.09292
L-Leucine	0.09313
L-Lysine·HCl	0.13036
L-Methionine	0.02649
L-Ornithine·HCl	0.000819
L-Phenylalanine	0.05886
L-Proline	0.01054
L-Hydroxy Proline	0.000356
L-Serine	0.04661
L-Threonine	0.0843
L-Tryptophan	0.01544
L-Valine	0.08396
L-Tyrosine Disodium Salt	0.09236

Inorganic Salts

Sodium Glucuronate·H ₂ O	0.0001566
Sodium Pyruvate	0.05742
Ferric Nitrate·9H ₂ O	0.000087
Magnesium Sulfate Anhyd	0.09347
Potassium Chloride	0.3828
Sodium Acetate·3H ₂ O	0.00435
Sodium Chloride	6.1596
Sodium Phosphate Monobasic·H ₂ O	0.12093
Calcium Chloride Anhyd	0.1914

Vitamins

	g/liter
Vitamin A Alcohol	0.0000218
Vitamin D-2	0.0000218
Menadione	0.0000218
Para Amino Benzoic Acid	0.0000109
Ascorbic Acid	0.00435
Vitamin B-12	0.00087
Biotin	0.00000218
Choline Chloride	0.0035888
Folic Acid	0.0034822
i-Inositol	0.00627488
Nicotinic Acid	0.00000548
Niacinamide	0.00348548
D-Calcium Pantothenate	0.0034822
Pyridoxal·HCl	0.00348548
Pyridoxine·HCl	0.00000548
Riboflavin	0.0003502
Thiamine·HCl	0.00000218
Alpha Tocopherol Phosphate	0.00000218

Other

Insulin Zinc Bovine	0.00696
D-Glucuronolactone	0.0001566
5-Methylcytosine	0.0000087
Oxalacetic Acid	0.11484
Phenol Red	0.01479
HEPES	2.07321
NAD DPN	0.000609
FAD Disodium Dihydrate	0.000087
NADP TPN	0.000087
Uridine-5-Triphosphate	0.000087
2-Deoxycytidine·HCl	0.00087
2-Deoxyguanosine	0.00087
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