

Formulations

McCOY'S 5A MEDIUM MODIFIED

Cat.# 112-028

COMPONENTS	mg / L
Inorganic Salts	
CaCl ₂ •H ₂ O	132.46
KCl	400.00
MgSO ₄ (anhydrous)	97.67
NaCl	6460.00
NaHCO ₃	2200.00
NaH ₂ PO ₄	504.35
Other Components	
D-Glucose	3000.00
Glutathione (reduced)	0.50
Phenol red•Na	10.20
Primatone G	600.00
Amino Acids	
L-Alanine	13.40
L-Arginine•HCl	42.14
L-Asparagine•H ₂ O	45.03
L-Aspartic acid	19.90
L-Cysteine•HCl•H ₂ O	35.10
L-Glutamic acid	22.10
L-Glutamine	219.20
Glycine	7.50
L-Histidine•HCl•H ₂ O	20.96
Hydroxy-L-proline	19.70
L-Isoleucine	39.36

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L-Leucine	39.36
L-Lysine•HCl	36.50
L-Methionine	14.90
L-Phenylalanine	16.50
L-Proline	17.30
L-Serine	26.30
L-Threonine	17.90
L-Tryptophan	3.10
L-Tyrosine•2Na•2H ₂ O	26.10
L-Valine	17.60
Vitamins	
p-Aminobenzoic acid	1.00
Ascorbic acid	0.50
d-Biotin	0.20
D-Ca pantothenate	0.20
Choline chloride	5.00
Folic acid	10.00
i-Inositol	36.00
Nicotinamide	0.50
Nicotinic acid	0.50
Pyridoxal•HCl	0.50
Pyridoxine•HCl	0.50
Riboflavin	0.20
Thiamine•HCl	0.20
Vitamin B ₁₂	2.00

References: Neuman, R.E., McCoy, T.A., (1958) Proc. Soc. Exp. Biol. Med., **98**:303
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