

## McCoy's 5A Medium Formulation

Catalog no.	317-010 1X, Liquid McCoy's 5A	317-011 1X, Liquid McCoy's 5A	217-010 Powder McCoy's 5A
<b>Inorganic Salts</b>	mg/L	mg/L	mg/L
CaCl <sub>2</sub> (anhydrous)	100.00	100.00	100.00
KCl	400.00	400.00	400.00
MgSO <sub>4</sub> (anhydrous)	97.70	97.70	97.70
NaCl	6460.00	5960.00	6460.00
NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	580.00	580.00	580.00
NaHCO <sub>3</sub>	2200.00	2200.00	----
<b>Amino Acids</b>			
L-Alanine	13.36	13.36	13.36
L-Arginine·HCl	42.14	42.14	42.14
L-Asparagine·H <sub>2</sub> O	45.03	45.03	45.03
L-Aspartic acid	19.97	19.97	19.97
L-Cysteine·HCl·H <sub>2</sub> O	35.14	35.14	35.14
L-Glutamic acid	22.10	22.10	22.10
L-Glutamine	219.20	219.20	219.20
Glycine	7.50	7.50	7.50
L-Histidine·HCl·H <sub>2</sub> O	20.96	20.96	20.96
Hydroxy-L-proline	19.70	19.70	19.70
L-Isoleucine	39.36	39.36	39.36
L-Leucine	39.36	39.36	39.36
L-Lysine·HCl	36.54	36.54	36.54
L-Methionine	14.92	14.92	14.92
L-Phenylalanine	16.52	16.52	16.52
L-Proline	17.30	17.30	17.30
L-Serine	26.30	26.30	26.30
L-Threonine	17.90	17.90	17.90
L-Tryptophan	3.10	3.10	3.10
L-Tyrosine·2Na·2H <sub>2</sub> O	26.12	26.12	26.12
L-Valine	17.60	17.60	17.60
<b>Vitamins</b>			
Ascorbic acid	0.50	0.50	0.50
Biotin	0.20	0.20	0.20
D-Calcium pantothenate	0.20	0.20	0.20
Choline chloride	5.00	5.00	5.00
Folic acid	10.00	10.00	10.00
i-Inositol	36.00	36.00	36.00
Nicotinamide	0.50	0.50	0.50
Nicotinic acid	0.50	0.50	0.50
<i>Para</i> -Aminobenzoic acid	1.00	1.00	1.00
Pyridoxine·HCl	1.00	1.00	1.00
Riboflavin	0.20	0.20	0.20
Thiamine·HCl	0.20	0.20	0.20
Vitamin B <sub>12</sub>	2.00	2.00	2.00

To order: (888)-947-3681 Fax: (450) 446-7038

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**McCoy's 5A Medium Formulation, contd.**

Catalog no.	317-010 1X, Liquid McCoy's 5A	317-011 1X, Liquid McCoy's 5A	217-010 Powder McCoy's 5A
Other	mg/L	mg/L	mg/L
Bacto-peptone	600.00	600.00	600.00
D-Glucose	3000.00	3000.00	3000.00
Glutathione (reduced)	0.50	0.50	0.50
HEPES	----	5958.00	----
Phenol red, Na	10.00	10.00	10.00
Specifications			
pH (after buffer)	7.2 ± 0.2	7.2 ± 0.2	7.0 ± 0.5
Osmolality (mOsm/kg)	290 ± 30	305 ± 30	290 ± 30
Grams of powder required to prepare 1L (1X Solution)	----	----	12.01

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