

## Product Information

McCoy's 5A Medium, with L-Glutamine  
Cat. No. MCC-A (500 ml)

### Product Specifications

Appearance	Clear red orange solution
CO <sub>2</sub> concentration, optimum	5.0%
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4°C and use within 6-8 weeks.
Shipping conditions	Ambient

### Formulation

Components	Concentration mg/L
<b>Amino Acids:</b>	
L-Alanine	13.36
L-Arginine HCl	42.14
L-Asparagine H <sub>2</sub> O	45.03
L-Aspartic Acid	19.97
L-Cysteine HCl H <sub>2</sub> O	31.75
L-Glutamic Acid	22.07
L-Glutamine	219.15
Glycine	7.51
L-Histidine HCl H <sub>2</sub> O	20.96
L-Hydroxyproline	19.67
L-Isoleucine	39.36
L-Leucine	39.36
L-Lysine HCl	36.54
L-Methionine	14.92
L-Phenylalanine	16.52
L-Proline	17.27
L-Serine	26.28
L-Threonine	17.87
L-Tryptophan	3.06
L-Tyrosine 2 Na	26.10
L-Valine	17.57
<b>Vitamins:</b>	
4-Aminobenzoic Acid	1.00
Ascorbic Acid	0.56
D-Biotin	0.20
Choline chloride	5.00
D-Calcium Pantothenate	0.20
Folic Acid	10.00
myo-Inositol	36.00

Components	Concentration mg/L
Nicotinamide	0.50
Nicotinic Acid	0.50
Pyridoxal HCl	0.50
Pyridoxine HCl	0.50
Riboflavin	0.20
Thiamine HCl	0.20
Vitamin B12	2.00
<b>Inorganic Salts:</b>	
CaCl <sub>2</sub> 2 H <sub>2</sub> O	132.00
MgSO <sub>4</sub>	97.67
KCl	400.00
NaHCO <sub>3</sub>	2200.00
NaCl	6460.00
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	504.00
<b>Other Components:</b>	
D-Glucose	3000.00
L-Glutathione Reduced	0.50
Meat Peptone	600.00
Phenol Red Sodium Salt	11.0

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## Precautions and Disclaimer

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This product is for research and further manufacturing use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

## Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email ([techservice@capricorn-scientific.com](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).