

MC Coy's 5A
w/ L-Glutamine**CAT N°** : L0210**Theoretical pH** : 7.3 ± 0.3**Osmolality** : 288 mOsm/kg ± 10%**Colour** : Red, clear solution**Storage conditions** : +2°C to +8°C. Protect from light.**Shelf life** : 12 months**Sterility tests** :

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Endotoxin : < 10 EU/ml**Composition** : Displayed on website; also available on request**Recommended use** :

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light (not necessary for saline solutions).
- Manipulate the product in aseptic conditions (e.g. : under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)
- Sterile supplements (serum...) should be aseptically added to sterile medium. The nature of the supplements may affect storage conditions and shelf life of the medium.

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.

Applications :

Originally developed to support liver tumor cells, this medium allows the primary culture of cells from a wide range of tissues (bone marrow, skin, kidney, lung, rat embryos ...)

Uses :

BioWest recommend the addition of 10% of Fetal Bovine Serum in the medium.

Signs of Deterioration :

The medium should be clear and free of particulate and flocculent material.

Do not use if the medium is cloudy or contains precipitate.

Other evidence of deterioration may include degradation of physical or performance characteristics.

Product code : L0210

Product name : McCoy's 5A w/ L-Glutamine

CAS Number	Components	Quantity in g/l
10035-04-8	Calcium Chloride Dihydrate	0.13246000
7487-88-9	Magnesium Sulfate Anhydrous	0.09766000
7447-40-7	Potassium Chloride	0.40000000
7647-14-5	Sodium Chloride	6.46000000
7558-80-7	Sodium Phosphate Monobasic Anhydrous	0.50435000
50-99-7	D-Glucose Anhydrous	3.00000000
56-40-6	Glycine	0.00750000
56-41-7	L-Alanine	0.01390000
1119-34-2	L-Arginine Monohydrochloride	0.04210000
70-47-3	L-Asparagine Anhydrous	0.04500000
56-84-8	L-Aspartic acid	0.01997000
52-90-4	L-Cysteine Free base	0.03150000
56-86-0	L-Glutamic Acid	0.02210000
56-85-9	L-Glutamine	0.21920000
5934-29-2	L-Histidine Monohydrochloride Monohydrate	0.02096000
51-35-4	L-Hydroxy-L-Proline	0.01970000
73-32-5	L-Isoleucine	0.03936000
61-90-5	L-Leucine	0.03936000
657-27-2	L-Lysine Monohydrochloride	0.03650000
63-68-3	L-Methionine	0.01490000
63-91-2	L-Phenylalanine	0.01650000
147-85-3	L-Proline	0.01730000
56-45-1	L-Serine	0.02630000
72-19-5	L-Threonine	0.01790000
73-22-3	L-Tryptophan	0.00310000
69847-45-6	L-Tyrosine Disodium Salt Dihydrate	0.02610000
72-18-4	L-Valine	0.01760000
50-81-7	Ascorbic Acid	0.00050000
67-48-1	Choline Chloride	0.00500000
58-85-5	D-Biotin	0.00020000
137-08-6	D-Ca Pantothenate	0.00020000
59-30-3	Folic Acid	0.01000000
87-89-8	Myo-Inositol	0.03600000
98-92-0	Nicotinamide (Nicotinic acid amide)	0.00050000
59-67-6	Nicotinic Acid	0.00050000
150-13-0	P-Aminobenzoic Acid (PABA)	0.00100000
65-22-5	Pyridoxal Hydrochloride	0.00050000
83-88-5	Riboflavin	0.00020000
67-03-8	Thiamine Hydrochloride	0.00020000
68-19-9	Vitamine B12	0.00200000

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CAS Number	Components	Quantity in g/l
70-18-8	L-Glutathione (Reduced)	0.00050000
91079-38-8	Bactopeptone	0.60000000
34487-61-1	Phenol Red (Sodium Salt)	0.01020000
144-55-8	Sodium Bicarbonate	2.20000000
WATER		985.84118000