



Document ID:	TDS-MCL-051-500ML	Version:	004
Date of Issue:	03-MAY-2021	Approved by:	Anna Becker
Review Date:	10-JAN-2022	Signature:	<i>Anna Becker</i>
Title:	TECHNICAL DATA SHEET		

Product Name	McCoy's 5A Medium
Filtration/Treatment	With L-Glutamine
Product Codes	MCL-051-500ML
Shelf Life	12 months
Storage Temperature	2 to 8 °C
Shipping Temperature	ambient
Substance	Concentration (mg/L)
Amino Acids	
Glycine	7.51
L-Alanine	1.36
L-Arginine, Hydrochloride	42.14
L-Asparagine, Monohydrate	45.03
L-Aspartic Acid	19.97
L-Cystine, Hydrochloride, Monohydrate	35.14
L-Glutamine	219.20
L-Histidine, Hydrochloride, Monohydrate	20.96
L-Hydroxyproline	19.67
L-Isoleucine	39.36
L-Leucine	39.36
L-Lysine, Hydrochloride	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, Disodium, Dihydrate	26.12
L-Valine	17.57
Vitamins	
Biotin	0.20
Choline Chloride	5.00
D-Calcium Pantothenate	0.20
Folic Acid	10.00
L-Ascorbic Acid	0.50
Myo-Inositol	36.00
Niacinamide	0.50
Micotinic Acid	0.50
para-Aminobenzoic Acid	1.0
Pyridoxal, Hydrochloride	0.50
Pyridoxine, Hydrochloride	0.50
Riboflavin	0.20
Thiamine, Hydrochloride	0.20
Vitamin B12	2.00
Other Components	
D-Glucose, Anhydrous	3000.00
Glutathione, Reduced	0.50

SPECIMEN



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Substance	Concentration (mg/L)
Meat Peptone	600.00
Phenol Red, Sodium Salt	10.00
Inorganic Salts	
Calcium Chloride, Dihydrate	132.50
Magnesium Sulfate, Anhydrous	97.68
Potassium Chloride	400.00
Sodium Bicarbonate	2200.00
Sodium Chloride	6460.00
Sodium Phosphate, Monobasic, Monohydrate	580.00
Specifications	
Appearance	Clear, red solution
Aerobic bacteria	Not detected
Anaerobic bacteria	Not detected
Fungi (Yeast & Mold)	Not detected
pH at RT	6.5 - 7.3
Osmolality	260 - 340 mM/kg
Endotoxin	≤ 1.0 EU/ml
Mycoplasma	Not detected
Cell Culture - Cell Growth Promotion	3 Passages
Viability	≥ 75%

THIS PRODUCT IS FOR LABORATORY USE ONLY.



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