



ISO 13485:2016 Certified | GMP Certified

2235 Cornell Ave. Montgomery, IL 60538 | (800) 246 - 4088 | CustomerService@Biologos.com | Biologos.com

SPECIFICATION SHEET

PRODUCT: McCOY'S 5A MEDIUM (1X)

Iwakata and Grace Modification

Sterile Filtered 0.2μ

Catalog Number: L1010

MEDIA FORMULATION

L1010

McCoy's 5a Medium (1X)

Iwakata and Grace Modification

<u>Components</u>	<u>mg/L</u>
INORGANIC SALTS	
Calcium Chloride, Dihydrate (CaCl ₂ · H ₂ O)	132.50
Ferric Nitrate, Nonahydrate (Fe(NO ₃) ₃ · 9H ₂ O)	0.1000
Potassium Chloride (KCl)	400.00
Magnesium Sulfate, Anhydrous (MgSO ₄)	97.680
Sodium Chloride (NaCl)	6460.0
Sodium Bicarbonate (NaHCO ₃)	3700.0
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	580.00
OTHER COMPONENTS	
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	3000.00
Meat Peptone	600.000
Phenol Red, Sodium Salt (C ₁₅ H ₁₃ NaO ₅ S)	10.0000
AMINO ACIDS	
L-Alanine (C ₃ H ₇ NO ₂)	13.3600
L-Arginine, Hydrochloride (C ₆ H ₁₄ N ₄ O ₂ · HCl)	42.1400
L-Ascorbic Acid (C ₆ H ₈ O ₆)	0.50000
L-Asparagine, Monohydrate (C ₄ H ₈ N ₂ O ₃ · H ₂ O)	45.0300
L-Aspartic Acid (C ₄ H ₇ NO ₄)	19.9700
L-Cysteine, Hydrochloride, Monohydrate (C ₃ H ₇ NO ₂ · HCl · H ₂ O)	35.1400
Glycine (C ₂ H ₅ NO ₂)	7.51000
L-Glutamic Acid (C ₅ H ₉ NO ₄)	22.0700
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	219.200
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ · HCl · H ₂ O)	20.9600
L-Hydroxyproline (C ₅ H ₉ NO ₃)	19.6700
L-Isoleucine (C ₆ H ₁₃ NO ₂)	39.3600

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MEDIA FORMULATION (CONTINUED)

Table with 2 columns: Components and mg/Liter. Lists Amino Acids (L-Leucine, L-Lysine, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine, L-Valine) and Vitamins (γ-Aminobenzoic Acid, Biotin, D-Calcium Pantothenate, Choline Chloride, Folic Acid, Glutathione, Myo-Inositol, Niacinamide, Nicotinic Acid, Pyridoxal, Pyridoxine, Riboflavin, Thiamine, Vitamin B12).

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ASSAY:

Appearance
pH
Osmolality
Sterility per 9 CFR 113.26

Fungal
Bacterial

Mycoplasma

SPECIFICATION:

Clear, Red Solution
7.0 - 7.4
Measure and Record
NEGATIVE
NEGATIVE
NEGATIVE

Storage: 2°- 8°C

Minimum Recommended Expiration Date: [18 Months from Date of Manufacturing]

Approved by:



3/1/2019

Quality and Compliance Manager

Date

Customer Representative

Date

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