

Columbia Agar Base EP/USP/ISO

N° Cat: 1104

N° Batch: 207212

Re-test Date: 7/2025

Regulations: USP / ISO 10272 / ISO 11133 / European Pharmacopoeia



Formula in g/l

Bacteriological agar	13,5	Maize starch	1
Pancreatic digest of casein	10	Sodium chloride	5
Yeast extract	5	Meat peptic digest	5
Heart pancreatic digest	3		

Quality control

Solubility	Appearance	Color of the dehydrated medium	Color of the prepared medium	Final pH (25°)	Batch pH
w/o rests	Fine powder	Beige	Cherry red opaque	7,3±0,2	7,2

Microbiological test

According to European Pharmacopoeia; Clostridium sporogenes:
Incubation conditions: (30-35 °C, anaerobic conditions / 48-72 h).
Inoculation conditions: (<=100 CFU).

According to ISO 10272; Campylobacter jejuni, Campylobacter coli:
Incubation conditions: Productivity qualitative (41,5±1 °C, microaerobic atmosphere / 24-48 h).
Inoculation conditions: (10³-10⁴ CFU).
Reference media: Media bathch Blood Agar already validated.

Rest of strains; Neisseria meningitidis, Streptococcus pyogenes, Staphylococcus aureus, Streptococcus pneumoniae:
Incubation conditions: (35±2 °C, 5-10% CO2 atmosphere / 48 h).

Microorganisms	Specification	Characteristic reaction
Clostridium sporogenes ATCC 11437	Good growth	
Neisseria meningitidis ATCC 13090	Good growth	
Streptococcus pyogenes ATCC 19615	Good growth	Beta hemolysis
Staphylococcus aureus ATCC 25923	Good growth	Beta/Gamma hemolysis
Campylobacter jejuni ATCC 29428	Good growth	
Campylobacter jejuni ATCC 33291	Good growth	
Campylobacter coli ATCC 43478	Good growth	
Streptococcus pneumoniae ATCC 6305	Good growth	

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