

OF Basal Medium (Hugh And Leifson)

N° Cat: 1500

N° Batch: 211263

Re-test Date: 11/2025



Formula in g/l

Bromthymol blue	0,03	Bacteriological agar	2,5
Casein peptone	2	Dipotassium phosphate	0,3
Sodium chloride	5		

Typical formula g/L * Adjusted and/or supplemented as required to meet performance criteria.

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 with a greenish tint	Green-bluish	7,1 ± 0,2	7,3

Microbiological test

Incubation conditions: (35±2 °C / 48-72 h)

K = Alkaline, green (without change)

A = Acid, yellow

G = Gas, sometimes perceptible

Microorganisms	Specification	Characteristic reaction with sacrose	Characteristic reaction w/o sugar	Characteristic reaction with glucose	Characteristic reaction with lactose
Shigella flexneri ATCC 12022	Good growth	Opened: K Closed: K	Abierto: K Cerrado: K	Opened: A Closed: A	Opened: K Closed: K
Salmonella enteritidis ATCC 13076	Good growth	Opened: K Closed: K	Opened: K Closed: K	Opened: AG Closed: AG	Opened: K Closed: K
Escherichia coli ATCC 25922	Good growth	Opened: K Closed: K	Opened: K Closed: K	Opened: AG Closed: AG	Opened: AG Closed: AG
Pseudomonas aeruginosa ATCC 27853	Good growth	Opened: K Closed: K	Opened: K Closed: K	Opened: K Closed: K	Opened: K Closed: K
Alcaligenes faecalis ATCC 8750	Good growth	Opened: K Closed: K	Opened: K Closed: K	Opened: K Closed: K	Opened: K Closed: K

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