



# Certificate of Analysis



**Catalog No.:** 254025 / 254078  
**Product Description:** BD MacConkey II Agar  
**Lot Number:** 4275293  
**Expiry Date:** 02. January 2025  
**Date of Manufacture:** 10. October 2024  
**Date of Release:** 17. October 2024  
**Storage Temperature:** 2 - 8° C

## Physical Characteristics

Plate type	90mm
Media colour / appearance	Light pink, slightly opalescent
pH	7.1 ± 0.2
Sterility (7 days at 28°C)	Within set limits

## Microbiology

Organism	Strain No.	Expected growth (CFU/ml or growth intensity)	Actual growth (CFU/ml or growth intensity)
Proteus mirabilis	ATCC 12453	1E3 - 1E5	1.2E4
Salmonella Typhimurium	ATCC 14028	1E3 - 1E5	2.2E3
Shigella flexneri	ATCC 12022	1E3 - 1E5	1.6E3
Enterococcus faecalis	ATCC 29212	Inhibited	Conforms
Staphylococcus aureus	ATCC 6538	Inhibited	Conforms

## Recovery (< 100 CFU / Plate)

Organism	Strain No.	Test Count (CFU / Plate)	Standard Count (CFU / Plate)	Recovery (%)	Expected Recovery (%)
Escherichia coli	ATCC 25922	11	12	92	>70
Escherichia coli	ATCC 8739	30	32	94	>70
Salmonella Abony	DSM 4224	30	40	75	>70
Pseudomonas aeruginosa	ATCC 9027	19	23	83	>70

Incubation: 18 - 24 h, 35 - 37°C, aerobic

We confirm that the above mentioned product lot meets the specification.

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