

## CERTIFICATE OF ANALYSIS

**PRODUCT:** Hektoen enteric agar

**PRODUCT CODE NO.:** B203

### QUALITY CONTROL TESTS: DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Greenish yellow
APPEARANCE	Homogenous free flowing powder

### QUALITY CONTROL TESTS: REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH (post autoclaving/heating)	7.5+/-0.2
COLOR (post autoclaving/heating)	Greenish brown
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

### QUALITY CONTROL TESTS: MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed after 18- 24 hrs. at 35 -37°C.

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour of colony
Escherichia coli ATCC25922	50-100	fair	20-30%	orange (may have bile
Enterobacter aerogenes ATCC 13048	50-100	fair	30-40%	salmon-orange
Enterococcus faecalis ATCC 29212	$\geq 10^3$	inhibited	0%	-
Salmonella Enteritidis ATCC 13076	50-100	luxuriant	$\geq 50\%$	greenish blue may have black centres(H <sub>2</sub> S production)
Salmonella Typhi ATCC 6539	50-100	luxuriant	$\geq 50\%$	greenish blue may have black centres (H <sub>2</sub> S
Salmonella Typhimurium ATCC 14028	50-100	luxuriant	$\geq 50\%$	greenish blue may have black centres(H <sub>2</sub> S production)
Shigella flexneri ATCC 12022	50-100	luxuriant	$\geq 50\%$	greenish blue
Escherichia coli ATCC 8739	50-100	fair	20-30%	orange(may have bile precipitate)

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

This document has been produced electronically and is valid.

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