

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Diagnostic stuart's urea broth base (urea broth base)**PRODUCT CODE NO.** B496**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light yellow to light pink
APPEARANCE	Homogenous free flowing powder

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.8+/-0.2
COLOR (post autoclaving/heating)	Yellow orange
CLARITY (post autoclaving/heating)	clear solution

**QUALITY CONTROL TESTS : MICROBIOLOGICAL  
CULTURAL RESPONSE:**

Cultural characteristics observed on addition of sterile 40% urea solution after an incubation at 35-37°C for 18-24hours.

Organism Description	Inoculum (CFU)	Growth	Urease
Enterobacter aerogenes ATCC 13048	[50-100]	[luxuriant]	[negative reaction, no change]
Escherichia coli ATCC 25922	[50-100]	[luxuriant]	[negative reaction, no change]
Klebsiella pneumoniae ATCC 13883	[50-100]	[luxuriant]	[positive reaction, cerise colour]
Proteus vulgaris ATCC 13315	[50-100]	[luxuriant]	[positive reaction, cerise colour]
Salmonella typhimurium ATCC 14028	[50-100]	[luxuriant]	[negative reaction, no change]
Escherichia coli ATCC 8739	[50-100]	[luxuriant]	[negative reaction, no change]
Klebsiella pneumoniae ATCC 10031	[50-100]	[luxuriant]	[positive reaction, cerise colour]
Escherichia coli NCTC 9002	[50-100]	[luxuriant]	[negative reaction, no change]

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.

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