

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Clostridium difficile agar base (w/o supplement)

**PRODUCT CODE NO.:** B145

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.4+/-0.2
COLOR (post autoclaving/heating)	a)Basal medium-Light yellow to light amber.b)With addition of 7%v/v defibrinated horse blood- Cherry red
CLARITY (post autoclaving/heating)	a) Slightly opalescent .b)Opalescent

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed under anaerobic condition with added Clostridium Difficile Supplement(FD010) and 7% v/v defibrinated horse blood, after an incubation at 35-37°C for 48 hours.

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour of colony
Clostridium difficile ATCC 11204	[50-100]	[good-luxuriant]	[>=50%]	[greyish-white]
Shigella flexneri ATCC 12022	[>=104]	[Inhibited]	[0%]	[-]
Escherichia coli ATCC 25922	[>=104]	[Inhibited]	[0%]	[-]
Staphylococcus aureus 25923	[>=104]	[Inhibited]	[0%]	[-]

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 particular 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.

**Address:-** S.NO.135/1, DALVI WADI, NEAR NANDED PHATA, SINHAGAD ROAD, DHAIRI, PUNE-411041, INDIA.

**Email ID:-** biomarklabs@gmail.com / biomarkmktg@gmail.com, **WebSite:-** [www.biomarklabs.com](http://www.biomarklabs.com).

Rev: December 2023