

CERTIFICATE OF ANALYSIS

PRODUCT : Deoxycholate citrate agar

PRODUCT CODE NO.: B163

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light Pink
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)	Reddish orange
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.

Organism Description	Growth	Recovery	Colour of colony	H2S	Inoculum (CFU)
Enterococcus faecalis ATCC29212	inhibited	0%	pink with bile precipitate	Negative reaction	$\geq 10^3$
Escherichia coli ATCC25922	poor	20-30%	pink with bile precipitate	Negative reaction	50-100
Salmonella enteritidis ATCC13076	good-luxuriant	$\geq 50\%$	colourless	Positive reaction, black centered colonies	50-100
Salmonella typhimurium ATCC 14028	good-luxuriant	$\geq 50\%$	colourless	Positive reaction, black centered colonies	50-100
Shigella flexneri ATCC12022	good	40-50%	colourless	Negative reaction	50-100
Escherichia coli ATCC 8739	poor	20-30%	pink with bile precipitate	Negative reaction	50-100
Escherichia coli NCTC 9002	poor	20-30%	pink with bile precipitate	Negative reaction	50-100
Salmonella Abony NCTC 6017	good-luxuriant	$\geq 50\%$	colourless	Positive reaction, black centered colonies	50-100

Staphylococcus aureus ATCC 25922	inhibited	0%	-	-	$\geq 10^3$
----------------------------------	-----------	----	---	---	-------------

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.

Rev: December 2023