

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: Moeller Decarboxylase Broth w/ Ornithine Hydrochloride

PRODUCT CODE NO: LM012-50

QUALITY CONTROL TESTS: DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|---------------------------------|--|
| COLOUR | Purple coloured clear solution |
| APPEARANCE | Sterile clear Moeller Decarboxylase Broth w/ Ornithine HCl in glass bottle |
| STERILITY TEST (AFTER 48 HOURS) | Sterile |

QUALITY CONTROL TESTS: MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed on addition of a layer of sterile mineral oil and after incubation at 35-37°C for 48-72 hours.

| Organism Description | Inoculum(CFU) | Growth | Lysine Decarboxylation |
|------------------------------|---------------|--------------|--|
| Escherichia coli 25922 | [50-100] | [Luxuriant] | Variable |
| Klebsiella pneumoniae 13883 | [50-100] | [Luxuriant] | Positive reaction, purple color |
| Proteus vulgaris 13315 | [50-100] | [Luxuriant] | Negative reaction, yellow or no color change |
| Citrobacter freundii 8090 | [50-100] | [Luxuriant] | Variable |
| Enterobacter aerogenes 13048 | [50-100] | [Luxuriant] | Positive reaction, purple color |

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: January 2026