

**CERTIFICATE OF ANALYSIS**

**PRODUCT: METHYL RED INDICATOR**

**PRODUCT CODE NO: BA052**

**QUALITY CONTROL: PHYSICAL**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOUR	Pinkish red
APPEARANCE	Liquid
CLARITY	Clear

**QUALITY CONTROL: MICROSCOPY (STAINING)**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
REACTION	pH Range : 4.4 - 6.2, : Red at pH 4.4 and Yellow at pH 6.2 at 25 °C
CULTURAL RESPONSE	Cultural response is observed after 18-24 hours at 37 °C in MR-VP Medium. Methyl red test is performance
Organism	<b>Growth</b> <b>MR Test</b>
Klebsiella pneumoniae ATCC 13883	Luxuriant                      Negative (Yellow colour observed)
Enterobacter aerogenes (ATCC 13048	Luxuriant                      Negative (Yellow colour observed)
Escherichia coli (ATCC 25922)	Luxuriant                      Positive (Red colour Observed).

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.

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