

Product Specifications



SCIENTIFIC

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An ISO 9001 Certified Company

ETHIDIUM BROMIDE SOLUTION 10mg/ml

Product Number

IB40075

Size

10ml

CAS NO.

CAS#

1239-45-8

PHYSICAL SPECIFICATIONS

| | |
|-------------|---------------|
| Purity | Min. 98.0% |
| Moisture | Max. 8.0% |
| DNase assay | None Detected |
| RNase assay | None Detected |

STORAGE

Store at room temperature. Protect from moisture.

RECOMMENDED USE

IBI's Ethidium Bromide can be used to detect both single and double stranded nucleic acids (both DNA and RNA). However, Ethidium Bromide does not intercollate into single-stranded DNA very well; therefore, the fluorescence of single stranded DNA is relatively poor in comparison to double stranded DNA. The recommended final concentration of Ethidium Bromide in agarose gels and electrophoresis buffers is 0.5µg/ml.

WARNING

Classification: Germ Cell Mutagenicity - 2
Acute Toxicity (Inhalation) - 2
Skin Irritant - 2
Eye Irritant - 2

Hazard Statements: H310-Fatal in contact with skin • H360-May damage fertility or the unborn child • H315-Causes skin irritation • H319-Causes serious eye irritation • H335-May cause respiratory irritation.

Precautionary Statements: P280-Wear protective gloves/protective clothing/eye protection/face protection • P302+P352-IF ON SKIN: Wash with plenty of water • P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing • P308+P313-IF EXPOSED OR CONCERNED: Get medical attention/advice.



DANGER!

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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04/21/2021