



# Product Specifications

## ETHIDIUM BROMIDE SOLUTION

<u>Catalog #</u>	<u>Size</u>
IB40075	10ml

### Physical Specifications

CAS#	1239-45-8
Purity	Min. 98.0%
Moisture	Max. 8.0%

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected

### Recommended Use

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 0.5 $\mu$ g/ml.

### Storage

Store at room temperature. Protect from moisture.

### Warning

Poison/Suspected mutagen. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Do not take internally. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.