



Product Specifications

10X TAE BUFFER CONCENTRATE

<u>Catalog #</u>	<u>Size</u>
IB70160	1L

Physical Specifications

CAS#	N/A
Solution Components	0.4M Tris-Acetate 0.01M EDTA
pH (1 x solution @ 25°C)	8.3 ± 0.1

Molecular Biology Specifications

Gel Analysis assay	Pass
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Recommended Use

Tris-acetate buffer systems are commonly used in low voltage DNA electrophoresis applications. It's relatively low buffering capacity will become exhausted in extended or high current electrophoresis, making buffer recirculation necessary in such runs. Potential advantages of TAE over TBE buffers include superior resolution of supercoiled DNA and slightly faster migration of ds linear DNA fragments.

Storage

Store at room temperature.

Warning

Irritant. Avoid contact with eyes, skin and mucous membranes. Avoid breathing vapors. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.