

## 3,3',5,5'-Tetramethylbenzidine, 99%

### Description

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3,3',5,5'-Tetramethylbenzidine or TMB is a chromogenic substrate used in staining procedures in immunohistochemistry as well as being a visualizing reagent used in enzyme-linked immunosorbent assays (ELISA). TMB is a white crystal powder that forms a pale blue-green liquid in solution with ethyl acetate. TMB is degraded by sunlight and by fluorescent lights.

#### Applications

3,3',5,5'-Tetramethylbenzidine, 99% is used as a clinical reagent for testing blood. 3,3',5,5'-Tetramethylbenzidine, 99% is used in staining procedures in immunohistochemistry. Further, it is used as a visualizing reagent in enzyme-linked immunosorbent assays. In addition to this, it is used as a replacement for carcinogenic compounds such as benzidine and o-phenylenediamine.

#### Date Created

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