

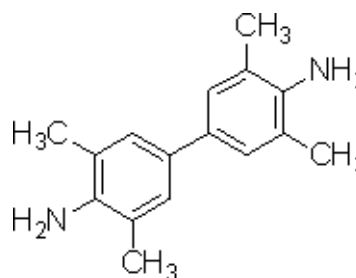
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
3,3',5,5'-Tetramethylbenzidine - $\geq 99\%$

Product Number: 860336
CAS Number: 54827-17-7
MDL: MFCD00007748
Formula: C₁₆H₂₀N₂
Formula Weight: 240.34 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)

Conforms to Requirements

White to Yellow or Beige

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

UV Absorbance 400nm (Millimola)

≤ 3.0

c = 75 mg/10 ml CHCl₃

Carbon

79.2 - 80.7 %

Purity (GC)

≥ 99.0 %

Solubility (Turbidity)

Clear to Slightly Hazy

c = 5%, Ethyl Acetate

Solubility (Color)

Conforms to Requirements

Colorless to Yellow, Yellow-Green or Orange

Specification: PRD.0.ZQ5.10000020891

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.