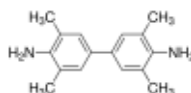


## Certificate of Analysis

Product Name:

3,3',5,5'-Tetramethylbenzidine - ≥98% (TLC)

**Product Number:** T2885  
**Batch Number:** WXB5971V  
**Brand:** SIGMA  
**CAS Number:** 54827-17-7  
**Formula:** C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>  
**Formula Weight:** 240,34 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 07 MAY 2025  
**Recommended Retest Date:** APR 2027



Test	Specification	Result
Appearance (Colour)	White to Yellow	Light Yellow
Appearance (Form)	Powder	Powder
Solubility (Colour)	Very Faint Yellow to Dark Yellow	Light Yellow
Solubility (Turbidity) at 50mg/mL in Ethyl Acetate	Clear to Very Slightly Hazy	Clear
Infrared spectrum	Conforms to Structure	Conforms
Purity (TLC)	≥ 98 %	100 %

Kang Chen  
Quality Manager  
Wuxi , China CN

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](http://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.

