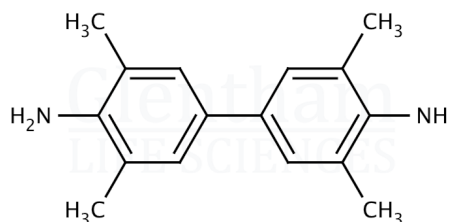


## Certificate of Analysis

Product Name 3,3'',5,5''-Tetramethylbenzidine  
Glentham Code GE8825  
CAS Number 54827-17-7  
EINECS 259-364-6  
MDL Number MFCD00007748  
PubChem SID 310280799  
Batch Number 096HMZ

Molecular Weight 240.35  
Molecular Formula  $C_{16}H_{20}N_2$   
Storage Temp. +4°C



Property	Specification	Batch 096HMZ
Physical Description	White to light-beige or pale yellow crystalline	Off-white crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in ethyl acetate)	Clear to faintly turbid, colourless to pale yellow solution	Faintly turbid, colourless solution
Melting Point	166.0 - 171.0 °C	167.2 °C
Loss on Drying	≤ 2.0% (105°C, 1h)	0.38%
Assay	≥ 98.0% (dried basis)	99.9%

Specification Version v1.1  
Manufacture Date 2021-07-25  
Re-Test Date 2029-10-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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