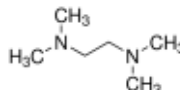


## Certificate of Analysis

Product Name:

N,N,N',N'-Tetramethylethylenediamine - BioReagent, suitable for electrophoresis, ≥99.0%

**Product Number:** T9281  
**Batch Number:** BCCN0910  
**Brand:** SIGMA  
**CAS Number:** 110-18-9  
**Formula:** C<sub>6</sub>H<sub>16</sub>N<sub>2</sub>  
**Formula Weight:** 116,2 g/mol  
**Quality Release Date:** 07 APR 2025



Test	Specification	Result
Appearance (Color)	Colorless to Faint Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Appearance (Turbidity)	Clear	Clear
Purity (GC)	≥ 99.0 %	99.5 %
Density (D <sub>20</sub> /4)	0.75 - 0.79	0.77
Solubility (Color)	Colorless to Faint Yellow	Very Faint Yellow
Solubility (Turbidity) 4 ml plus 4 ml Water	Clear to Slightly Hazy	Clear
Infrared Spectrum	Conforms to Structure	Conforms
Bio Tests Suitable for Use in Polyacrylamide Gel Electrophoresis	Corresponds to Requirements	Corresponds
Extraneous Activities DNase, RNase, Protease None Detected	None Detected	None Detected
Nickase None Detected	None Detected	None Detected

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

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.

