

## Certificate of Analysis

Date of Testing: 2023-10-17 16:21:15  
Date of Next Testing: 2025-10-06 16:21:15  
Product Name: **N,N,N',N'-Tetramethylethylenediamine**  
CAS Number: 110-18-9  
Specifications & Purity: for electrophoresis,99%  
Lot #: J2310211  
SKU #: **T105496**  
**Analysis: 286743**  
Storage Temperature: Protected from light,Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Boiling point	120-122 (°C)	120.39 °C
Density (20°C)	0.775-0.778	0.78
Refractive index n <sub>20</sub> /D	1.416-1.419	1.42
Purity(GC)	99-100 (%)	99.83 %
Appearance (T105496)	Colorless to light yellow liquid	Colorless to light yellow liquid
Electrophoresis test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager