

Certificate of Analysis

Date of Testing: 2023-11-21 15:52:38
Date of Next Testing: 2024-11-15 15:52:38
Product Name: **N,N,N',N'-Tetramethylethylenediamine**
CAS Number: 110-18-9
Specifications & Purity: $\geq 99\%$
Lot #: K2314066
SKU #: **T105497**
Version: **0**
Analysis #: **432907**
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.416-1.419	1.42
Water by Karl Fischer	0-1 (%)	0.05 %
Density (20°C)	0.775-0.778	0.78
Purity(GC)	99-100 (%)	99.73 %
Appearance (T105497)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless Clear, C=5 g/50 ml	pass	Pass



John Su
QA & QC Manager