

## Certificate of Analysis

Date of Testing: 2023-11-01 13:56:59  
Date of Next Testing: 2025-10-21 13:56:59  
Product Name: **Trichloroethylene**  
CAS Number: 79-01-6  
Specifications & Purity: Analytical Reagent,99.0%,contains 40ppm Diisopropylamine as stabilizer  
Lot #: C2012167  
SKU #: **T100717**  
**Analysis:** **291021**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Free alkalies	0-0.0005 (%)	0.00 %
Density	1.462-1.465 (g/ml)	1.46 g/ml
Assay	99-100 (%)	99.11 %
Free chlorine(Cl <sub>2</sub> )	0-0.0001 (%)	0.00 %
Free acids	0-0.001 (%)	0.00 %
Residue on Evaporation	0-0.004 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.476-1.478	1.48
Water by Karl Fischer	0-0.02 (%)	0.01 %
Appearance (T100717)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (40 ppm Diisopropylamine)	Conforms	Conforms



John Su  
QA & QC Manager