

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-30 10:45:29  
Date of Next Testing: 2027-05-20 10:45:29  
Product Name: **Trichloroethylene**  
CAS Number: 79-01-6  
Specifications & Purity: AR, ≥99%, stabilized with 40ppm Diisopropylamine  
Lot #: E2526273  
SKU #: **T100717**  
Version: **0**  
Analysis #: **518967**  
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Free alkalis	0-0.0005 (%)	0.00000 %
Density	1.462-1.465 (g/ml)	1.46300 g/ml
Assay	99-100 (%)	99.51600 %
Free chlorine(Cl <sub>2</sub> )	0-0.0001 (%)	0.00000 %
Free acids	0-0.001 (%)	0.00000 %
Residue on Evaporation	0-0.004 (%)	0.00000 %
Refractive index n <sub>20</sub> /D	1.476-1.478	1.47730
Water by Karl Fischer	0-0.02 (%)	0.01320 %
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