

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-10 16:12:24

Date of Next Testing: 2027-02-28 16:12:24

Product Name: **Trichloroethylene**

CAS Number: 79-01-6

Specifications & Purity: AR, ≥99%, stabilized with 40ppm Diisopropylamine

Lot #: C2505148

SKU #: **T100717**

Version: **0**

Analysis #: **483124**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Free alkalis	0-0.0005 (%)	0.00001 %
Density	1.462-1.465 (g/ml)	1.46201 g/ml
Assay	99-100 (%)	99.53300 %
Free chlorine(Cl ₂)	0-0.0001 (%)	0.00000 %
Free acids	0-0.001 (%)	0.00000 %
Residue on Evaporation	0-0.004 (%)	0.00011 %
Refractive index n ₂₀ /D	1.476-1.478	1.47660
Water by Karl Fischer	0-0.02 (%)	0.00310 %
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