

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-04 11:42:49  
 Date of Next Testing: 2027-08-25 11:42:49  
 Product Name: **Trichloroethylene**  
 CAS Number: 79-01-6  
 Specifications & Purity: AR, ≥99%, stabilized with 40ppm Diisopropylamine  
 Lot #: I2503213  
 SKU #: **T100717**  
 Version: **0**  
 Analysis #: **569556**  
 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 (%)            | 99.82100 %            |
| 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           | 1.47740               |
| Water by Karl Fischer               | 0-0.02 (%)            | 0.00400 %             |
| 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