

## Certificate of Analysis

Date of Testing: 2023-11-01 15:00:42  
Date of Next Testing: 2025-10-21 15:00:42  
Product Name: **Tetrachloroethylene**  
CAS Number: 127-18-4  
Specifications & Purity: Guaranteed Reagent,99.5%  
Lot #: J2325615  
SKU #: **T103368**  
**Analysis:** **291567**  
Storage Temperature: Protected from light

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.504-1.506           | 1.51                  |
| Density (20°C)                      | 1.62-1.63             | 1.63                  |
| Evaporation Residue                 | 0-0.005 (%)           | 0.00 %                |
| Boiling point                       | 120-122 (°C)          | 120.16 °C             |
| Alkalinity                          | 0-0.003 (%)           | 0.00 %                |
| Purity(GC)                          | 99.5-100 (%)          | 99.79 %               |
| Color scale                         | 0-15                  | 12.00                 |
| Water by Karl Fischer               | 0-0.01 (%)            | 0.00 %                |
| Appearance (T103368)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager