

## Certificate of Analysis

Date of Testing: 2022-09-21 16:47:54  
Date of Next Testing: 2024-09-10 16:47:54  
Product Name: **Tetrachloroethylene**  
CAS Number: 127-18-4  
Specifications & Purity: Guaranteed Reagent,99.5%  
Lot #: I2219303  
SKU #: **T103368**  
**Analysis:** **138380**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.01 (%)	0.00 %
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)	121.00 °C
Alkalinity	0-0.003 (%)	0.00 %
Purity(GC)	99.5-100 (%)	99.97 %
Color scale	0-15	5.60
Appearance (T103368)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager