

Certificate of Analysis

Date of Testing: 2022-09-22 10:23:34

Date of Next Testing: 2024-09-11 10:23:34

Product Name: **Tetrachloroethylene**

CAS Number: 127-18-4

Specifications & Purity: spectrographic grade, ≥99%

Lot #: I2219305

SKU #: **T103370**

Analysis: **130717**

Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC) | 99-100 (%) | 99.97 % |
| UV Absorbance 400nm | 0-0.03 | 0.00 |
| UV Absorbance 290nm | 0-1 | 0.79 |
| Refractive index n ₂₀ /D | 1.504-1.506 | 1.51 |
| Water by Karl Fischer | 0-0.05 (%) | 0.03 % |
| Evaporation Residue | 0-0.0005 (mg/L) | 0.00 mg/L |
| UV Absorbance 295nm | 0-0.3 | 0.27 |
| Color scale | 0-10 | 5.60 |
| UV Absorbance 305nm | 0-0.1 | 0.04 |
| UV Absorbance 350nm | 0-0.05 | 0.03 |
| Appearance (T103370) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| λ, H ₂ O reference | Pass | Pass |



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