源叶
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# Certificate of Analysis

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|---|---|
| Date of Testing: | 2026-09-21 10:55:37 |
| Date of Next Testing: | 2027-09-20 10:55:37 |
| Product Name: | **Trifluoroacetic acid（TFA）** |
| CAS Number: | 76-05-1 |
| Specifications & Purity: | Chromatographic grade, ≥99.5% |
| Lot #: | D2519244 |
| SKU # | **W12566** |
| Version | **0** |
| **Analysis #:** | **509845** |
| Storage Temperature: | Room temperature,Argon charged |

| **Parameter** | **Limit Values** | **Result** |
|---|---|---|
| Evaporation Residue | 0-0.005（%） | 0.00 % |
| Purity (Titration by NaOH) | 99.5-100（%） | 99.75 % |
| UV Absorbance 280nm | 0-0.05 | 0.02 |
| UV Absorbance 320nm | 0-0.025 | 0.01 |
| Purity(GC) | 99.5-100（%） | 99.83 % |
| UV Absorbance 300nm | 0-0.03 | 0.01 |
| Water by Karl Fischer | 0-0.05（%） | 0.04 % |
| UV Absorbance 270nm | 0-0.1 | 0.06 |
| UV Absorbance 260nm | 0-0.9 | 0.78 |
| UV Absorbance 290nm | 0-0.04 | 0.01 |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(W12566) | Colorless Liquid | Colorless liquid |

Quality Assurance：XiaoYong Tan
Quality Control：YunFeiZhu

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质检专用章