

## Certificate of Analysis

Date of Testing: 2025-01-08 16:01:51

Date of Next Testing: 2026-01-08 16:01:51

Product Name: **Trifluoroacetic acid (TFA)**

CAS Number: 76-05-1

Specifications & Purity: Chromatographic grade, ≥99.5%

Lot #: A2507547

SKU #: **T103294**

Version: **3**

Analysis #: **446110**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Evaporation Residue        | 0-0.005 (%)           | 0.00 %                |
| 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                  |
| UV Absorbance 270nm        | 0-0.1                 | 0.06                  |
| UV Absorbance 260nm        | 0-0.9                 | 0.78                  |
| UV Absorbance 290nm        | 0-0.04                | 0.01                  |
| Water by Karl Fischer      | 0-0.05 (%)            | 0.04 %                |
| Purity (Titration by NaOH) | 99.5-100 (%)          | 99.75 %               |
| Appearance (T103294)       | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum          | Conforms to Structure | Conforms to Structure |



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