

Certificate of Analysis

Date of Testing: 2023-09-06 10:13:11
Date of Next Testing: 2025-09-05 10:13:11
Product Name: **Trifluoroacetic acid (TFA)**
CAS Number: 76-05-1
Specifications & Purity: Analytical Reagent,99.0%
Lot #: K2222717
SKU #: **T103291**
Version: **5**
Analysis #: **271940**
Storage Temperature: Argon charged,Desiccated

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 98.50 % |
| Density (20°C) | 1.491-1.495 | 1.49 |
| Water by Karl Fischer | 0-0.1 (%) | 0.00 % |
| Refractive index n ₂₀ /D | 1.283-1.3 | 1.28 |
| PH | 1-3 | 1.10 |
| Appearance (T103291) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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