

Certificate of Analysis

Date of Testing: 2024-12-05 18:02:42
Date of Next Testing: 2026-12-05 18:02:42
Product Name: **Trifluoroacetic acid (TFA)**
CAS Number: 76-05-1
Specifications & Purity: AR, ≥99%
Lot #: L2404235
SKU #: **T103291**
Version: **5**
Analysis #: **358270**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.60%
Density (20°C)	1.491-1.495	1.49
Water by Karl Fischer	0-0.1 (%)	0.01%
PH	1-3	1.00
Refractive index n ₂₀ /D	1.283-1.3	1.28
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager