Fisher Scientific UK Ltd.
Bishop Meadow Road
Loughborough,
LE11 5RG, United Kingdom

# CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global Certificate Number. QMS42099

| | |
|---|---|
| Catalogue Number | 43229 |
| Lot Number | 2222530 |
| Description | Trifluoroacetic acid HPLC |
| CAS Number | 76-05-1 |
| Quality Test/Release Date | 04/May/2022 |
| Expiry Phrase | Use within 2 years of QC release date. |
| Country of Origin | France |

| Result Name | Units | Specifications | Test Value |
|---|---|---|---|
| Absorbance @ 260 nm | A.U. | <= 1 | 0.002 |
| Absorbance @ 270 nm | A.U. | <= 0.1 | 0 |
| Absorbance @ 280 nm | A.U. | <= 0.05 | 0.001 |
| Absorbance @ 290 nm | A.U. | <= 0.04 | 0.001 |
| Absorbance @ 300 nm | A.U. | <= 0.03 | 0 |
| Absorbance @ 320 nm | A.U. | <= 0.03 | 0 |
| Assay | % | >= 99.0 | 99.85 |
| Chemical form | | Mobile liquid | Mobile liquid |
| Colour | APHA | <= 10 | <10 |
| Residue after evaporation (%) | % | <= 0.0005 | <0.0002 |
| Visual colour | | Clear colourless | Clear colourless |
| Water | % | <= 0.05 | 0.004 |

A. Ganatra

Ashok Ganatra
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.