

**CERTIFICATE OF ANALYSIS**

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
Certificate Number. 951001163

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Catalogue Number	042363
Lot Number	N25M012
Description	2,2,2-Trifluoroethanol-d <sub>3</sub> , 99% (Isotopic)
CAS Number	77253-67-9
Quality Test/Release Date	25/Feb/2026
Suggested retest date	25/Feb/2031
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Assay		≥99.0% <sup>1</sup> H nmr	Passes test
Assay	%	≥99.0% Isotopic enrichment by <sup>1</sup> H nmr	99.6
Assay (GC)	%	≥99.0%	100.0
Appearance (Color)		Clear colorless	Clear colorless
Form		Liquid	Liquid
Water Content (Karl Fischer Titration)	ppm	≤ 500ppm	369

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Derek Roy  
Quality Manager, LCD

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 and development use only. 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.