



## **CERTIFICATE OF ANALYSIS**

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate

Number. 2317548

Catalogue Number 45053 Lot Number A0459675

Description Tetrahydrofuran,99.8%,for biochemistry,unstabilized, AcroSeal®

CAS Number 109-99-9
Quality Test/Release Date 12/Nov/2024
Suggested retest date 12/Nov/2025
Country of Origin GERMANY
Declaration of Origin synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless	Clear colorless
Appearance (Form)		Liquid	Liquid
GC	%	>=99.75	99.96
Water	%	=<0.03	0.02
Acidity	meq/g	=<0.0002	0.00003
Alkalinity	meq/g	=<0.0006	None detected
Residue after evaporation	ppm	=<2	None detected
UV		at 230 nm A: =<0.5	at 230 nm A:0.09
UV		at 240 nm A: =<0.3	at 240 nm A:0.03
UV		at 250 nm A: =<0.15	at 250 nm A:0.01
UV		at 260 nm A: =<0.1	at 260 nm A:0.004
UV		at 270 nm A: =<0.05	at 270 nm A:0.002
UV		at 280 nm A: =<0.02	at 280 nm A:0.001
Wavelength at 1 A.U.	nm	=<215	=<215
Peroxides	%	=<0.0075	0.0003

Geert Torfs 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 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.