

## 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	A0478200
Description	Tetrahydrofuran,99.8%,for biochemistry,unstabilized, AcroSeal®
CAS Number	109-99-9
Quality Test/Release Date	30/Mar/2026
Suggested retest date	30/Mar/2027
Country of Origin	AUSTRIA
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless	Clear colorless
Appearance (Form)		Liquid	Liquid
GC	%	>=99.75	99.86
Water	%	=<0.03	0.005
Acidity	meq/g	=<0.0002	None detected
Alkalinity	meq/g	=<0.0006	None detected
Residue after evaporation	ppm	=<2	0.7
UV		at 230 nm A: =<0.5	at 230 nm A:0.145
UV		at 240 nm A: =<0.3	at 240 nm A:0.099
UV		at 250 nm A: =<0.15	at 250 nm A:0.084
UV		at 260 nm A: =<0.1	at 260 nm A:0.042
UV		at 270 nm A: =<0.05	at 270 nm A:0.007
UV		at 280 nm A: =<0.02	at 280 nm A:0.004
Wavelength at 1 A.U.	nm	=<215	211
Peroxides	%	=<0.0075	0.0021

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.

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.