

## 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	41005
Lot Number	A0478543
Description	Diethyl ether,99+%,for spectroscopy,stabalized with ethanol
CAS Number	60-29-7
Quality Test/Release Date	19/Dec/2025
Suggested retest date	19/Dec/2027
Country of Origin	UNITED KINGDOM
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 (Form)		Clear liquid	Clear liquid
Color scale	APHA	=<10	10
GC	%	>=99.0 (Excluding stabilizer)	99.3 (Excluding stabilizer)
UV		at 220 nm A: =<1	at 220 nm A:0.1199
UV		at 230 nm A: =<0.4	at 230 nm A:0.081
UV		at 245 nm A: =<0.1	at 245 nm A:0.0372
UV		at 260 nm A: =<0.03	at 260 nm A:0.0112
UV		at 280 nm A: =<0.005	at 280 nm A:0.0019
UV		at 400 nm A: =<0.004	at 400 nm A:0.0006
Peroxides	ppm	=<5 (as H2O2)	=<5 (as H2O2)
Stabilizer		Approx. 1 % w/w Ethanol	Approx. 1 % w/w Ethanol



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.