

## 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	39760
Lot Number	A0461096
Description	Methyl sulfoxide, 99.8+%, for HPLC
CAS Number	67-68-5
Quality Test/Release Date	12/Mar/2025
Suggested retest date	12/Mar/2027
Country of Origin	CHINA
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	%	$\geq 99.80$	99.98
Water	%	$\leq 0.1$	0.02
Residue after evaporation	%	$\leq 0.001$	None detected
UV		1 cm cell vs HPLC-grade water	1 cm cell vs HPLC-grade water
UV		at 265 nm A: $\leq 1.0$	at 265 nm A: 0.7
UV		at 270 nm A: $\leq 0.523$	at 270 nm A: 0.358
UV		at 280 nm A: $\leq 0.301$	at 280 nm A: 0.178
UV		at 290 nm A: $\leq 0.155$	at 290 nm A: 0.120
UV		at 310 nm A: $\leq 0.097$	at 310 nm A: 0.051
UV		at 330 nm A: $\leq 0.046$	at 330 nm A: 0.019
UV		at 400 nm A: $\leq 0.009$	at 400 nm A: $\leq 0.001$



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.