

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	12479
Lot Number	A0478045
Description	Methanol,99.9%,for biochemistry,AcroSeal®
CAS Number	67-56-1
Quality Test/Release Date	18/Nov/2025
Suggested retest date	18/Nov/2030
Country of Origin	SPAIN
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	Clear
Appearance (Form)		Liquid	Liquid
Color scale	APHA	≤10	10
Infrared spectrum		Conforms	Conforms
GC	%	≥99.85	99.99
Water	%	≤0.1	0.0126
UV		at 205 nm A: ≤1.0	at 205 nm A:0.556
UV		at 210 nm A: ≤0.70	at 210 nm A:0.25
UV		at 220 nm A: ≤0.30	at 220 nm A:0.101
UV		at 230 nm A: ≤0.15	at 230 nm A:0.045
UV		at 240 nm A: ≤0.10	at 240 nm A:0.019
UV		at 260 nm A: ≤0.01	at 260 nm A:0.003
UV		at 400 nm A: ≤0.01	at 400 nm A:0.003
Residue after evaporation	%	≤0.001	0.0001
Titration acid	meq/g	≤0.0003	0.00013
Titration base	meq/g	≤0.0002	0.00001

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.