

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number: QMS42099

Catalogue Number	42395
Lot Number	2682204
Description	Methanol ACS For analysis
CAS Number	67-56-1
Quality Test/Release Date	11/Jun/2026
Expiry Phrase	Use within 5 years of opening
Country of Origin	Trinidad and Tobago

Result Name	Units	Specifications	Test Value
Assay (GC)	%	≥ 99.8	100.00
Boiling point	Degrees C	≥ 64 and ≤ 65	64.6
Carbonyl compounds	%	≤ 0.001	<0.001
Chemical form		Mobile liquid	Mobile liquid
Colour	APHA	≤ 10	<5
Residue after evaporation (%)	%	≤ 0.001	None Detected
Solubility in water		Must be 'Pass'	Pass
Substances darkened by H2SO4 (Pass/Fail)		Must be 'Pass'	Pass
Substances reducing KMnO4 (Pass/Fail)		Must be 'Pass'	Pass
Titrateable Acid	mEq/g	≤ 0.0003	0.00023
Titrateable Base	mEq/g	≤ 0.0002	0.00002
Visual colour		Clear colourless	Clear colourless
Water	%	≤ 0.1	0.009
Wt/ml at 20C	g	≥ 0.791 and ≤ 0.793	0.7914

Additional Information



Ashok Ganatra
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 use or further manufacturing. 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.