

## 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	A/0650
Lot Number	2544228
Description	Acetonitrile UHPLC Gradient Grade UHPLC
CAS Number	75-05-8
Quality Test/Release Date	10/Jul/2025
Expiry Phrase	Use within 3 years of opening
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
Absorbance @ 195 nm	A.U.	<= 0.1	0.1
Absorbance @ 200 nm	A.U.	<= 0.05	0.044
Absorbance @ 210 nm	A.U.	<= 0.02	0.018
Absorbance @ 220 nm	A.U.	<= 0.01	0.009
Absorbance @ 230 nm	A.U.	<= 0.005	0.005
Absorbance @ 240 nm	A.U.	<= 0.005	0.001
Absorbance @ 250 nm	A.U.	<= 0.005	0
Acidity	meq/g	<= 0.0002	0.00001
Alkalinity (meq/g)	meq/g	<= 0.0002	None Detected
Assay (GC)	%	>= 99.9	100.00
Gradient analysis @ 210 nm	A.U.	<= 0.002	None Detected
Gradient analysis @ 220 nm (mA.U)	mA.U.	<= 0.1	None Detected
Gradient drift @ 220nm	mA.U.	<= 8	6.25
Residue after evaporation (ppm)	ppm	<= 1	None Detected
Water	%	<= 0.01	0.007

**Additional Information** This product has been filtered to 0.1micron



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.