Fisher Scientific UK Ltd.
Bishop Meadow Road
Loughborough,
LE11 5RG, United Kingdom

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	W/0112
Lot Number	2696214
Description	Water LC-MS For LC/MS analysis
CAS Number	7732-18-5
Quality Test/Release Date	16/Oct/2026
Expiry Phrase	Expires 3 years from packing date
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Absorbance @ 200 nm	A.U.	<= 0.005	0.002
Absorbance @ 230 nm	A.U.	<= 0.005	0
Absorbance of the largest eluted peak	mA.U.	<= 0.2	None Detected
Aluminium (Al)	ppm	<= 0.05	<0.02
Barium (Ba)	ppm	<= 0.01	<0.005
Cadmium (Cd)	ppm	<= 0.01	<0.005
Calcium (Ca)	ppm	<= 0.05	<0.02
Chemical form		Mobile liquid	Mobile liquid
Chromium (Cr)	ppm	<= 0.01	<0.005
Cobalt (Co)	ppm	<= 0.01	<0.005
Copper (Cu)	ppm	<= 0.01	<0.005
Iron (Fe)	ppm	<= 0.01	<0.01
LC-MS suitability		Must be 'Pass'	Pass
Lead (Pb)	ppm	<= 0.01	<0.005
Magnesium (Mg)	ppm	<= 0.01	<0.005
Manganese (Mn)	ppm	<= 0.01	<0.005
Nickel (Ni)	ppm	<= 0.01	<0.005
Potassium (K)	ppm	<= 0.1	<0.01
Residue after evaporation (ppm)	ppm	<= 1	None Detected
Silver (Ag)	ppm	<= 0.01	<0.005
Sodium (Na)	ppm	<= 0.01	<0.01
Tin (Sn)	ppm	<= 0.01	<0.005
Visual colour		Clear colourless	Clear colourless
Zinc (Zn)	ppm	<= 0.01	<0.01

Additional Information This product has been tested on an LC-MS instrument to ensure suitability. Metal analysis only valid at time of packing. Filtered to 0.2 micron

A. Ganatra

Ashok Ganatra
Supervisor, QC

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.

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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.

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