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 SAI Global Certificate Number. QMS42099

Catalogue Number	W6
Lot Number	2524143
Description	Water LC-MS For LC/MS analysis
CAS Number	7732-18-5
Quality Test/Release Date	24/Jan/2025
Expiry Phrase	Expires: 5 years from analysis date
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Absorbance @ 210 nm	A.U.	<= 0.01	0.001
Absorbance @ 220 nm	A.U.	<= 0.01	0.001
Absorbance @ 230 nm	A.U.	<= 0.01	0.001
Absorbance @ 240 nm	A.U.	<= 0.01	0
Absorbance @ 254 nm	A.U.	<= 0.005	0.001
Absorbance @ 260 nm	A.U.	<= 0.005	0
Absorbance @ 280 nm	A.U.	<= 0.005	0
Aluminium (Al)	ppb	<= 10	<10
Barium (Ba)	ppb	<= 10	<5
Cadmium (Cd)	ppb	<= 10	<5
Calcium (Ca)	ppb	<= 20	<10
Chemical form		Mobile liquid	Mobile liquid
Chromium (Cr)	ppb	<= 10	<5
Cobalt (Co)	ppb	<= 10	<5
Copper (Cu)	ppb	<= 10	<5
Iron (Fe)	ppb	<= 10	<5
LC Gradient test with PDA (200-400nm)	mAU	<= 2	None Detected
LC/MS @ Negative mode as Clorampenicol (ppb)	ppb	<= 50	<50
LC/MS @ positive mode as Propazine (ppb)	ppb	<= 50	<50
Lead (Pb)	ppb	<= 10	<5
Magnesium (Mg)	ppb	<= 10	<5
Manganese (Mn)	ppb	<= 10	<5
Nickel (Ni)	ppb	<= 10	<5
Potassium (K)	ppb	<= 10	<10
Protease		Must be 'Pass'	Pass
Residue after evaporation (ppm)	ppm	<= 1	None Detected
Silver (Ag)	ppb	<= 10	<5
Sodium (Na)	ppb	<= 20	<10
Tin (Sn)	ppb	<= 10	<5
Total Halogens (as chloride)		Must be 'Not detected'	Not detected
Visual colour		Clear colourless	Clear colourless
Zinc (Zn)	ppb	<= 10	<5

Additional Information Filtered to 0.1 micron

A. Ganatra

Ashok Ganatra

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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Supervisor, QC

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