

CERTIFICATE OF ANALYSIS

Product Name	WATER For Ultra LC-MS	Product Code	HPW03-1000
Batch Number	W03-210801	Molecular Formula	H ₂ O
Mfg. Month	August - 2021	Best Before	July-2022
CAS Number	7732-18-5	Batch Quantity	250 Liter
Packing Type	Glass Bottle	Pack Size	1 Liter

Result Of Analysis

Parameters	Specification Limits	Results
Appearance	Clear Colorless Liquid	Passes Test
Conductivity at 30°C, max	0.055 µS/cm	Passes Test
Resistivity at 30°C, NLT	18 MΩ·cm	Passes Test
Evaporation Residue, max	0.0001%	Passes Test
TOC Count	≤ 30 ppb	Passes Test
Sodium, max	0.5 ppt	Passes Test
Chloride, max	5 ppt	Passes Test
Silica, max	200 ppt	Passes Test
Sulphate, max	100 ppt	Passes Test
Suitability For Ultra LC-MS	Complies	Passes Test
Elemental Analysis		
ALUMINIUM (Al)	Max 10 ppb	Passes Test
BARIUM (Ba)	Max 10 ppb	Passes Test
CADMIUM (Cd)	Max 10 ppb	Passes Test
CALCIUM (Ca)	Max 20 ppb	Passes Test

CHROMIUM (Cr)	Max 10 ppb	Passes Test
COBALT (Co)	Max 10 ppb	Passes Test
COPPER (Cu)	Max 10 ppb	Passes Test
LEAD (Pb)	Max 10 ppb	Passes Test
MAGNESIUM (Mg)	Max 10 ppb	Passes Test
MANGANESE (Mn)	Max 10 ppb	Passes Test
NICKEL (Ni)	Max 10 ppb	Passes Test
POTASSIUM (K)	Max 10 ppb	Passes Test
SILVER (Ag)	Max 10 ppb	Passes Test
TIN (Sn)	Max 10 ppb	Passes Test
ZINC (Zn)	Max 10 ppb	Passes Test
Suitability Test		
Optical Absorption @200nm	Max 10 mAU	Passes Test
Optical Absorption @210nm	Max 10 mAU	Passes Test
Optical Absorption @220nm	Max 10 mAU	Passes Test
Optical Absorption @240nm	Max 10 mAU	Passes Test
Optical Absorption @254nm	Max 5 mAU	Passes Test
Optical Absorption @280nm	Max 5 mAU	Passes Test
Optical Absorption @300nm	Max 5 mAU	Passes Test
Fluorescence (as quinine; 254 nm)	Max 1 ppb	Passes Test
Fluorescence (as quinine; 365 nm)	Max 0.5 ppb	Passes Test
UV Absorption in 1cm cell v/s H2O		
Gradient @210nm, max	5 mAU	Passes Test
Gradient @220nm, max	2 mAU	Passes Test

Gradient @254nm, max	1 mAU	Passes Test
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*Disclaimer – All Results shared of the parameters aforementioned are observed at the time of filling.

STORAGE

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area.

Quality Assurance Head
Company Seal

SAMPLE