

Certificate of Analysis

Product: Water
Item Number: WALCMS
Grade: LCMS
Lot Number: 5000897/1.2
Manufacture Date: 09/08/2024
Expiration Date: 09/07/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Residue after Evaporation	Max 1mg/L	<0.1
LC Gradient elution suitability at 254nm	Max 0.001 AU	< 0.001 AU
Fluorescence at emission max. for imp.	Max 1 ppb as Quinine sulfate	< 0.3 ppb
LC-MS Positive mode (as Reserpine)	Max 50 ppb	< 50 ppb
LC-MS Negative mode (as 4-nitrophenol)	Max 50 ppb	< 50 ppb
Aluminum (Al)	Max 50 ppb	< 50 ppb
Barium (Ba)	Max 5 ppb	< 5 ppb
Cadmium (Cd)	Max 5 ppb	< 5 ppb
Calcium (Ca)	Max 50 ppb	< 50 ppb
Chromium (Cr)	Max 5 ppb	< 5 ppb
Cobalt (Co)	Max 5 ppb	< 5 ppb
Copper (Cu)	Max 5 ppb	< 5 ppb
Iron (Fe)	Max 5 ppb	< 5 ppb
Lead (Pb)	Max 5 ppb	< 5 ppb
Magnesium (Mg)	Max 10 ppb	< 10 ppb
Nickel (Ni)	Max 5 ppb	< 5 ppb
Potassium (K)	Max 10 ppb	< 10 ppb
Silver (Ag)	Max 5 ppb	< 5 ppb
Sodium (Na)	Max 50 ppb	< 50 ppb
Tin (Sn)	Max 5 ppb	< 5 ppb

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Manganese (Mn)	Max 5 ppb	< 5 ppb
UV Absorbance		
@205 nm	Max 0.01 AU	<0.01 AU
@210 nm	Max 0.01 AU	<0.01 AU
@250 nm	Max 0.005 AU	<0.005 AU
@400 nm	Max 0.005 AU	<0.005 AU
Refractive index at 20°C	1.3325 - 1.3335	1.3330

[Water](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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