

### Certificate of Analysis

**Product: Water**  
**Item Number: WALCMS**  
**Grade: LCMS**  
**Lot Number: 220827**  
**Manufacture Date: 08/26/2022**  
**Expiration Date: 08/25/2025**  
**Country of Origin: China**

Tested Property	Specification	Analysis
Residue after Evaporation	Max 0.0001 wt%	0.0001
LC Gradient elution suitability at 254nm	Max 0.001 AU	< 0.001 AU
Fluorescence at emission maximum for impurities	Max 1 ppb	< 1 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	0.008 AU
@210 nm	Max 0.01 AU	0.006 AU
@250 nm	Max 0.005 AU	0.002 AU
@400 nm	Max 0.005 AU	0

### Water

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