

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2026-04-08 12:22:52
Date of Next Testing: 2029-04-07 12:22:52
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: suitable for mass spectrometry (MS), UltraPureChrom™, for UHPLC
Lot #: D2602197
SKU #: **W433885**
Version: **1**
Analysis #: **690606**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.003	0.00140
UV Absorbance 210nm	0-0.02	0.01130
Residue on Evaporation	0-0.0001 (%)	0.00002 %
Fluorescence 254nm(as Quinine)	0-1 (ppb)	0.16000 ppb
Fluorescence 365nm(as Quinine)	0-1 (ppb)	0.24000 ppb
HPLC Absorbance 254 nm	0-0.9 (mAU)	0.01600 mAU
HPLC Absorbance 210 nm	0-2 (mAU)	0.37900 mAU
Chloride by Ion Chromatography	0-0.01 (ppm)	0.00570 ppm
Fluoride by Ion Chromatography	0-0.01 (ppm)	0.00750 ppm
NO3 by Ion Chromatography	0-0.1 (ppm)	0.04100 ppm
SO4 by Ion Chromatography	0-0.1 (ppm)	0.02600 ppm
Aluminum(Al)	0-20 (ppb)	1.46000 ppb
Cadmium(Cd)	0-20 (ppb)	2.68000 ppb
Calcium(Ca)	0-20 (ppb)	3.68000 ppb
Chromium(Cr)	0-15 (ppb)	1.54000 ppb
Cobalt(Co)	0-15 (ppb)	2.68000 ppb
Copper(Cu)	0-10 (ppb)	2.64000 ppb
Iron(Fe)	0-20 (ppb)	11.47000 ppb
Magnesium(Mg)	0-20 (ppb)	3.49000 ppb
Manganese(Mn)	0-20 (ppb)	5.42000 ppb
Nickel(Ni)	0-20 (ppb)	1.65000 ppb
Potassium(K)	0-20 (ppb)	11.85000 ppb
Silver(Ag)	0-20 (ppb)	1.36900 ppb
Sodium(Na)	0-50 (ppb)	11.42000 ppb
Sn (Tin)	0-20 (ppb)	2.46000 ppb

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Parameter	Limit Values	Result
Zinc(Zn)	0-20 (ppb)	1.26000 ppb
Appearance(W433885)	Clear Colorless Liquid	Clear Colorless Liquid

