

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

Certificate of Analysis

Date of Testing: 2024-09-20 17:28:49
Date of Next Testing: 2027-09-20 17:28:49
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: for UHPLC, suitable for mass spectrometry (MS)
Lot #: I2418237
SKU #: **W433885**
Version: **1**
Analysis #: **413516**

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.003	0.00140
UV Absorbance 210nm	0-0.02	0.01800
Residue on Evaporation	0-0.0001 (%)	0.00004 %
Fluorescence 254nm(as Quinine)	0-1 (ppb)	0.54000 ppb
Fluorescence 365nm(as Quinine)	0-1 (ppb)	0.17000 ppb
HPLC Absorbance 254 nm	0-0.9 (mAU)	0.42000 mAU
HPLC Absorbance 210 nm	0-2 (mAU)	1.40000 mAU
Chloride by Ion Chromatography	0-0.01 (ppm)	0.00410 ppm
Fluoride by Ion Chromatography	0-0.01 (ppm)	0.00850 ppm
NO3 by Ion Chromatography	0-0.1 (ppm)	0.00580 ppm
SO4 by Ion Chromatography	0-0.1 (ppm)	0.00420 ppm
Aluminum(Al)	0-20 (ppb)	6.58000 ppb
Cadmium(Cd)	0-20 (ppb)	3.79000 ppb
Calcium(Ca)	0-20 (ppb)	4.51000 ppb
Chromium(Cr)	0-15 (ppb)	4.51000 ppb
Cobalt(Co)	0-15 (ppb)	2.40000 ppb
Copper(Cu)	0-10 (ppb)	1.49000 ppb
Iron(Fe)	0-20 (ppb)	2.14000 ppb
Magnesium(Mg)	0-20 (ppb)	2.48000 ppb
Manganese(Mn)	0-20 (ppb)	1.79000 ppb
Nickel(Ni)	0-20 (ppb)	2.79000 ppb
Potassium(K)	0-20 (ppb)	3.29000 ppb
Silver (Ag)	0-20 (ppb)	2.41000 ppb
Sodium(Na)	0-50 (ppb)	1.60000 ppb
Sn (Tin)	0-20 (ppb)	2.70000 ppb
Zinc(Zn)	0-20 (ppb)	1.58000 ppb

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Parameter	Limit Values	Result
Appearance(W433885)	Clear Colorless Liquid	Clear Colorless Liquid

A handwritten signature in black ink that reads "John.Su".

John Su
QA & QC Manager