

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

Certificate of Analysis

Date of Testing: 2024-12-10 16:53:38
Date of Next Testing: 2027-12-10 16:53:38
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: UltraPureChrom™, for chromatography, for LC-MS
Lot #: L2410596
SKU #: **W433894**
Version: **1**
Analysis #: **446871**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aluminium(Al)	0-10 (ppb)	1.73000 ppb
Calcium(Ca)	0-100 (ppb)	23.18000 ppb
Iron(Fe)	0-5 (ppb)	1.47000 ppb
Potassium(K)	0-10 (ppb)	2.49000 ppb
Magnesium(Mg)	0-20 (ppb)	2.74000 ppb
Sodium(Na)	0-200 (ppb)	32.98000 ppb
Evaporation Residue	0-5 (mg/L)	0.48000 mg/L
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.04800 ppb
Fluorescence (quinine) at 365 nm	0-0.5 (ppb)	0.04200 ppb
Transmission 220 nm		0.00001 %
Gradient grade (at 210 nm)	0-5 (mAU)	2.48000 mAU
Gradient grade (at 254 nm)	0-0.5 (mAU)	0.12000 mAU
Gradient grade (basic absorption (210 nm))	0-20 (mAU)	2.49000 mAU
Chloride (Cl-)	0-10 (ppb)	2.65000 ppb
(NO3)Nitrate	0-10 (ppb)	2.84000 ppb
Phosphate(PO4)	0-10 (ppb)	3.46000 ppb
Sulfate(SO42-)	0-10 (ppb)	0.15000 ppb
Appearance(W433894)	Colorless Liquid	Colorless liquid
LC-MS for identification	Conforms	Conforms

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A handwritten signature in black ink that reads "John Su". The script is fluid and cursive.

John Su
QA & QC Manager