

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

Certificate of Analysis

Date of Testing: 2024-12-10 16:39:53
Date of Next Testing: 2027-12-10 16:39:53
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: UltraPureChrom™, for chromatography, for LC-MS
Lot #: L2410606
SKU #: **W433894**
Version: **1**
Analysis #: **446821**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aluminium(Al)	0-10 (ppb)	2.74000 ppb
Calcium(Ca)	0-100 (ppb)	32.69000 ppb
Iron(Fe)	0-5 (ppb)	1.69000 ppb
Potassium(K)	0-10 (ppb)	2.84000 ppb
Magnesium(Mg)	0-20 (ppb)	12.68000 ppb
Sodium(Na)	0-200 (ppb)	102.67000 ppb
Evaporation Residue	0-5 (mg/L)	2.49000 mg/L
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.15000 ppb
Fluorescence (quinine) at 365 nm	0-0.5 (ppb)	0.18000 ppb
Transmission 220 nm		0.00006 %
Gradient grade (at 210 nm)	0-5 (mAU)	2.67000 mAU
Gradient grade (at 254 nm)	0-0.5 (mAU)	0.17000 mAU
Gradient grade (basic absorption (210 nm))	0-20 (mAU)	12.49000 mAU
Chloride (Cl-)	0-10 (ppb)	3.59000 ppb
(NO3)Nitrate	0-10 (ppb)	2.89000 ppb
Phosphate(PO4)	0-10 (ppb)	0.17000 ppb
Sulfate(SO42-)	0-10 (ppb)	0.16000 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