

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

Certificate of Analysis

Date of Testing: 2024-10-29 16:23:09
Date of Next Testing: 2027-10-29 16:23:09
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: UltraPureChrom™, for chromatography, for LC-MS
Lot #: J2428367
SKU #: **W433894**
Version: **1**
Analysis #: **427923**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aluminium(Al)	0-10 (ppb)	1.48000 ppb
Calcium(Ca)	0-100 (ppb)	54.80000 ppb
Iron(Fe)	0-5 (ppb)	2.14000 ppb
Potassium(K)	0-10 (ppb)	2.35000 ppb
Magnesium(Mg)	0-20 (ppb)	4.28000 ppb
Sodium(Na)	0-200 (ppb)	102.57000 ppb
Evaporation Residue	0-5 (mg/L)	2.70000 mg/L
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.34000 ppb
Fluorescence (quinine) at 365 nm	0-0.5 (ppb)	0.24000 ppb
Transmission 220 nm		0.00018 %
Gradient grade (at 210 nm)	0-5 (mAU)	1.42000 mAU
Gradient grade (at 254 nm)	0-0.5 (mAU)	0.24000 mAU
Gradient grade (basic absorption (210 nm))	0-20 (mAU)	1.58000 mAU
Chloride (Cl-)	0-10 (ppb)	3.40000 ppb
(NO3)Nitrate	0-10 (ppb)	1.58000 ppb
Phosphate(PO4)	0-10 (ppb)	3.50000 ppb
Sulfate(SO42-)	0-10 (ppb)	1.58000 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