

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

Certificate of Analysis

Date of Testing: 2024-09-20 11:45:28
Date of Next Testing: 2027-09-20 11:45:28
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: for UHPLC-MS , ChromaClear™
Lot #: I2418009
SKU # **W433886**
Version **1**
Analysis #: **413150**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Conductivity	0-0.09 (μS/cm)	0.04100 μS/cm
Total organic carbon	0-10 (ppb)	2.74000 ppb
Acidity	0-0.0002 (%)	0.00011 %
Alkalinity	0-0.00005 (%)	0.00001 %
Residue on Evaporation	0-0.4 (ppm)	0.15000 ppm
Transmission 200 nm	95-100 (%)	99.75000 %
Transmission 230 nm	99-100 (%)	99.85000 %
gradient peak at 210 nm	0-2 (mAU)	1.64000 mAU
Grad. elution drift at 210nm	0-8 (mAU)	2.70000 mAU
Grad. elution drift at 254nm	0-3 (mAU)	2.40000 mAU
UHPLC/MS/ESI+ (as Reserpine)	0-30 (ppb)	1.80000 ppb
Sodium(Na)	0-30 (ppb)	2.74000 ppb
Potassium(K)	0-30 (ppb)	23.48000 ppb
Calcium(Ca)	0-30 (ppb)	2.48000 ppb
Iron(Fe)	0-50 (ppb)	1.78000 ppb
Aluminum(Al)	0-30 (ppb)	0.32000 ppb
Magnesium(Mg)	0-30 (ppb)	1.80000 ppb

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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