

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

Certificate of Analysis

Date of Testing: 2024-12-11 09:54:59
Date of Next Testing: 2027-12-11 09:54:59
Product Name: **Water**
CAS Number: 7732-18-5
Specifications & Purity: UltraPureChrom™, for UHPLC-MS
Lot #: L2410570
SKU #: **W433886**
Version: **1**
Analysis #: **447021**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Conductivity	0-0.09 (μS/cm)	0.00460 μS/cm
Total organic carbon	0-10 (ppb)	3.47000 ppb
Acidity	0-0.0002 (%)	0.00012 %
Alkalinity	0-0.00005 (%)	0.00001 %
Residue on Evaporation	0-0.4 (ppm)	0.17000 ppm
Transmission 200 nm	95-100 (%)	99.99900 %
Transmission 230 nm	99-100 (%)	99.99800 %
gradient peak at 210 nm	0-2 (mAU)	1.10000 mAU
Grad. elution drift at 210nm	0-8 (mAU)	2.47000 mAU
Grad. elution drift at 254nm	0-3 (mAU)	1.59000 mAU
UHPLC/MS/ESI+ (as Reserpine)	0-30 (ppb)	2.59000 ppb
Sodium(Na)	0-30 (ppb)	3.14000 ppb
Potassium(K)	0-30 (ppb)	1.58000 ppb
Calcium(Ca)	0-30 (ppb)	3.47000 ppb
Iron(Fe)	0-50 (ppb)	34.18000 ppb
Aluminum(Al)	0-30 (ppb)	4.19000 ppb
Magnesium(Mg)	0-30 (ppb)	2.98000 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